

IN THE CIRCUIT COURT OF THE NINETEENTH  
JUDICIAL CIRCUIT, LAKE COUNTY, ILLINOIS

PEOPLE OF THE STATE OF ILLINOIS,	)	
	)	
Plaintiff,	)	
	)	
v.	)	No. 09 CF 926
	)	
MARNI YANG,	)	
	)	
Defendant,	)	

**MARNI YANG'S POST CONVICTION PETITION**  
**ACTUAL INNOCENCE**

NOW COMES the Defendant, MARNI YANG, by her attorney, Jed Stone, and asserts her actual innocence in the following Post Conviction Petition. In support thereof, Marni Yang states as follows:

1. Marni Yang was convicted of the murder of Rhoni Reuter and Ms. Reuter's unborn child, following a jury trial. This court sentenced Ms. Yang to life in prison without the possibility of parole.
2. Ms. Yang's conviction was upheld on direct appeal. Her petition for leave to appeal was denied by the Illinois Supreme Court.
3. This is Ms. Yang's first petition for post-conviction relief.
4. The jury's verdict in this cause was unreliable and in error. Marni Yang is innocent of the charges against her.
5. This Petition is filed pursuant to 725 ILCS 5/122-1, Article I, Section 2 of the constitution of the State of Illinois, and the 5<sup>th</sup>, 6<sup>th</sup> and 14<sup>th</sup> Amendments to the Constitution of the United States.
6. Ms. Yang has spent over a decade incarcerated for a crime she did not commit. Indeed, it is a crime that she could not have committed. As this Petition will demonstrate, to a

reasonable degree of scientific certainty, Marni Yang did not fire the gunshots that killed Rhoni Reuter.

7. The Yang post-conviction defense team has assembled a preeminent group of forensic scientists, crime scene analysts, ballistic and firearm experts, investigators, polygraphers, audio and videotape analysts and DNA experts. Each of them is outstanding within their field. Each has reached the conclusion that Marni Yang is innocent.
8. At her trial, two journeymen lawyers represented Ms. Yang. These men were overwhelmed by the volume of discovery and placed trust in a prosecutor and her Major Crime Task Force police investigators without adversarially challenging the evidence. As this court will see, Ms. Yang's lawyers' conduct fell below the objective standard of representation by a criminal defense lawyer in the 19<sup>th</sup> Judicial Circuit, rendering their conduct substandard and thereby denying Ms. Yang her constitutional right to effective assistance of counsel.
9. The result, as noted above, was that the verdict rendered by her jury was unreliable. Marni Yang is innocent.

**I. NEW AND PREVIOUSLY UNDISCLOSED EVIDENCE SUPPORTING POST-CONVICTION RELIEF**

10. Marni Yang was convicted of the murder of Rhoni Reuter primarily based on the surreptitiously recorded conversations she had with a friend, Christi Paschen. The police investigation of the crime scene yielded no forensic evidence linking Ms. Yang to this crime. The investigation of this crime by the Lake County Major Crimes Task Force lasted months without arrest.



11. Eyewitnesses reported to the police that they saw a tall black male subject “walking at a fast pace southbound across the lawn” near Ms. Reuter’s building at the time of the shooting. Exhibit 1, R. 3-11-2011 pm, Pages 28-60, Line 17. Marni Yang is a five-foot-tall, one hundred-twenty-pound white woman.
12. Fingerprints were found by police investigators on the interior doorknobs of the Reuter apartment. These prints were compared to Reuter’s and known associates. They were also compared with the known inked prints of Marni Yang. No known associations could be made. Exhibit 2.
13. At the crime scene, unspent rounds (live rounds) had been ejected from the murder weapon along with projectiles that were discharged. Recent developments in DNA technology have allowed Dr. Karl Reich, an expert in DNA analysis, to recover DNA from these unspent rounds. Dr. Reich has determined to a reasonable degree of scientific certainty that Marni Yang’s DNA is not on these located unspent rounds. Exhibit 3.
14. The state produced at trial a video tape from a surveillance camera of a gas station in the area of the homicide. The state claimed at trial that this video depicted a car driving in the area of the homicide, at the time of the homicide. The state further claimed that this car was one rented by and driven by Marni Yang, used by her to get to and from the crime scene. This tape was offered by stipulation and without adversarial contest or examination by the defense lawyers. R. 3-11-2011 pm, Pages 160-173, Line 18.

## **II. DEFENSE COUNSEL AT TRIAL WERE OVERWHELMED**

15. When confronted with over 9,000 thousand pages of discovery material, the trial defense lawyers immediately felt crushed and overpowered. The lawyers asked Assistant State's Attorney Patricia Fix to edit her investigation material to a useable number of pages. She was happy to comply. Fix provided the defense lawyers with 1500 pages of material, telling them that this was the "meat" of her case against Ms. Yang.
16. The defense lawyers focused only on the "meat," ignoring the wealth of materials in the disclosed but unexamined rest of the discovery. In so doing they abnegated their responsibilities as defense lawyers and deprived their client of her 6<sup>th</sup> and 14<sup>th</sup> Amendment rights of effective assistance of counsel.
17. Five items of entirely circumstantial evidence were relied upon by the prosecution at trial—a video tape of traffic from a Shell station surveillance camera, a Beretta 9mm handgun, a homemade silencer, a TracFone and a bracelet. No challenges to any of this evidence was made by the defense. But the ineffective assistance of counsel claims are overshadowed by the state's deliberate misconduct surrounding each of these items.

## **III. THE SHELL GAS STATION VIDEO TAPE**

18. The Shell video introduced by the State at trial was not suitable for an accurate comparison or identification of the 2008 Volkswagon Rabbit rented by Marni Yang on October 2, 2007. This tape was offered as evidence by the state without objection and by stipulation.

19. Post-conviction, experts examined the tape and determined that the car depicted therein was not a 2008 Volkswagon Rabbit. The reports of these experts are found at Exhibits 4 and 5. The contents of those reports are incorporated herein and made part hereof.
20. Whatever car or cars are viewed in this video, forensic testing of the video belies the unchallenged claim that Marni Yang's rented car was viewed near the scene of this homicide. To a reasonable degree of forensic certainty, the state's video is false and misleading.

#### **IV. THE BERETTA**

21. Marni Yang, at some point before the events of this case, possessed a Beretta 9mm handgun. Marni Yang's gun was stolen well before the events that lead to Ms. Reuter's death. The state knew this but did not reveal it to the trial defense. They mislead the jury and deprived Marni Yang of her constitutional right to a fair trial.
22. On January 1, 2008 a Major Crimes Task Force investigator questioned Jessie Delgado in front of Delgado's home.
23. During this questioning Delgado confessed to Investigator James that he had stolen a 9mm gun from Marni Yang's residence in May of 2007. Exhibit 6. Rather than report this fact to the defense lawyers, the state allowed a fiction to be introduced to the jury in order to advance their false claim that Yang had murdered Ms. Reuter.
24. Jessie Delgado told post-conviction investigators that he was at a Memorial Day weekend event in May of 2007 when he stole several items from Marni Yang's home. He then sold the items to pay a debt. One of the items Delgado took was the Beretta 9mm 92fs that Marni Yang brought from her uncle's estate in Florida. Exhibit 7.

25. Delgado told police investigators that he stole the gun. The State never told this to defense lawyers.
26. The state knew Marni Yang did not possess the gun at the time of the shooting but withheld this piece of evidence from the defense.

## **V. THE SILENCER**

27. The notion that Marni Yang could fabricate a silencer for this gun is foolishness. Yet it was not challenged by the defense lawyers, depriving Ms. Yang of effective representation.
28. The State contended that Marni Yang made a silencer from items she purchased at Home Depot following the directions in a book she purchased for a gift. Exhibit 8, R. 3-7-2011, Pages 26-28, Line 10.
29. Photographs taken at the home of Marni Yang during the execution of a search warrant show these same items were being used for common home use and repairs. Exhibit 9. No effort was made by trial counsel to challenge the assertion that Marni made a homemade silencer.
30. Dan Conidi, a firearms expert and former agent for the Department of Homeland Security, was asked by Yang's post-conviction lawyer to challenge the state's claim that a "silencer" was used by Yang in the commission of this homicide. He was presented with identical items purchased by Marni Yang as detailed in Lake County Major Crimes Task Force Investigative Report 000247. Conidi was also given a copy of the book *How to Make Disposable Silencers* and a Beretta 92FS. Conidi attempted to fabricate a suppression device that could be attached to the barrel of a Beretta 92FS. To a

reasonable degree of forensic certainty, the barrel of this firearm lacked sufficient length to attach a suppressor to the firearm. Exhibit 10.

31. Additionally, post-conviction counsel asked Art Borchers of Larsen Forensic conducted a forensic analysis on the garments worn by Rhoni Reuter when she was murdered. Borchers then created comparative evidence by shooting a similar garment with and without a suppressor. Based on this testing the forensic evidence refutes the State's theory that a silencer was used on the firearm that killed Reuter and her unborn child. Further based on the design aspects of the suggested improvised silencers none of the units could have been mounted on a Beretta 92 style pistol. Exhibit 11.

## **VI. THE STATE'S THEORY IS REJECTED BY CAREFUL SCIENTIFIC ANALYSIS**

32. Marni Yang possessed a minimal knowledge of a firearm and had limited training in the use of one. Her shooting skills were obtained solely for the protection of her children as she was a single parent of three.
33. The State's theory that Marni Yang's Beretta 92 FS was the murder weapon is unfounded and disputed by the evidence found at the crime scene. Eight shots were fired. Reuter was shot six times with one shot going through her abdomen into her arm which was extended to brace her fall thereby producing a total of seven gunshot wounds.
34. Five live rounds were found at the crime scene. The gun used to kill Reuter and her unborn child mis-fired five times. The shooter had to be proficient enough to clear a

lodged bullet five times while killing a pregnant woman in a condo building with neighbors who could confront the killer at any time during the attack.

35. Clearing jammed bullet takes a skill that Marni Yang did not possess. Sal Devera, a Cook County Sherriff Deputy, taught Marni Yang how to shoot a firearm. He did not teach her how to clear a jam and never recalls ever seeing her clear one. Exhibit 12.
36. The live rounds recovered at the scene were tested by Dr. Karl Reich and Elizabeth Kopitke, and Shelby Carlson of Independent Forensics the DNA profiles obtained from the live rounds show a single male contributor and a single female contributor. The female contributor was Rhoni Reuter. Unspent cartridges were found on or near Ms. Reuter's blood. The male DNA has not been identified. Marni Yang is excluded as a contributor of the DNA profiles generated from the 9mm live rounds. Exhibit 3.
37. Dr. Reich's report is incorporated herein by reference and made part of this post-conviction petition.

## **VII. TRACFONE**

38. On September 26, 2007, Marni Yang purchased a TracFone at WalMart on 5630 W. Touhy Niles, IL. The cell phone was activated on September 27, 2007 and deactivated on February 25, 2008. The phone came with twenty minutes pre-paid time. An additional sixty minutes was purchased on October 2, 2007 at the same WalMart. R. 3-11-2011 am, Page 97, Line 19.
39. During the course of the trial prosecutors told the jury that according to the cell tower reports on the TracFone, Marni Yang was in the vicinity of Christi Paschen's

on the day of the crime. Prosecutors also relied on this to obtain wiretap authorization and the permission for Paschen to wear a wire for her conversation with Marni Yang at Denny's. Exhibit 13 and 14.

40. Prosecutors told the court that Enterprise Car Rental, Christi Paschen, and Andrew Yang were the **only** people Marni Yang contacted with this TracFone. Prosecutors knowingly lied in their application for the wiretap as the same cell tower report shows that the TracFone was used to make calls to other numbers. The trial defense lawyers never challenged this egregious misstatement of facts to the court. Exhibit 15.
41. Prosecutors owe a duty of candor to the court in their application for wiretaps and prosecution of criminal cases. Here the prosecutor recklessly disregarded the truth and advanced a patently false claim in an effort to mislead the court and obtain an overhear authorization. Ill.R. Prof. Conduct Rule 3.3 (a)(1)
42. At trial, the State relied heavily on the cell tower report showing calls made from Arlington Heights on the day of the crime. Exhibit 15. None of this was challenged by the trial defense. This same purported cell tower document, however, shows Marni making calls from Mount Vernon, Illinois at the same time she was renting a car locally from Enterprise Car Rental. Mount Vernon, Illinois is 306 miles from Chicago.
43. Post-conviction investigation revealed that TracFone does not have their own towers and in 2007 they used AT&T towers. They further stated the reports show latitude and longitude not city and state. Exhibit 16.
44. This report is incorporated herein by reference and made part of this post-conviction petition.

45. Prosecutors passed off a created document as if it were a phone company log in order to obtain overhear authorizations. This deprived Marni Yang of due process and a fair trial.

## **VIII. BRACELET**

46. On March 1, 2009, seventeen months after the crime, officers from the Lake County Major Crimes Task Force went to the Meridian Banquets Hall on 1701 Algonquin Road in Rolling Meadows, Illinois. A search began to take place in a designated area that was marked by wooden stakes. After searching the area thoroughly and finding nothing, metal detectors were brought in. Soon a medical alert bracelet was located laying on top of the ground under debris. The bracelet had pearl-like beads and a silver plate with the word “pregnant” engraved on it. Exhibit 17.

47. Officer Frost, formerly of the Lake County Major Crimes Task Force, began making calls over the next two hours to determine if this bracelet belonged to Rhoni Reuter. Shaun Gayle, Craig White, Traci Nugent, Amy Stein, Jill Finch, Christine Murphy, and Wayde Reuter, all of Rhoni’s family members and friends, said “No, Rhoni did not have such a bracelet.” Exhibit 18.

48. According to the State’s theory, with no evidence to support it, this bracelet was taken from Rhoni Reuter by Marni Yang on the morning of October 4, 2007 and buried at the above location. When the bracelet was recovered on March 1, 2009, some seventeen months later, it was in pristine condition with no visible signs of rust or decay. The bracelet was found lying on the top of the ground. Not buried.

49. On December 4, 2018, post-conviction defense investigator John Rea delivered this



bracelet to Independent Forensics for DNA comparison testing to the known DNA profiles of Rhoni Reuter and Marni Yang. Said testing produced recoverable DNA indicative of a mixture of two contributors.

50. Rhoni Reuter is excluded as a contributor to the partial DNA profile generated from the medical alert bracelet.
51. There are insufficient data source attribution of the partial DNA profile generated from the medical alert bracelet. Comparison of this profile with the DNA profile of Marni Yang is inconclusive. Exhibit 19.
52. It is easy to see that each of these five items cannot support the state's case. Yet none were challenged by the trial defense lawyers.
53. In post-trial interviews with jurors, they reported that none of this evidence was convincing, beyond a reasonable doubt. The critical evidence that lead to conviction arose from the recorded conversations between Marni Yang and her friend, Christi Paschen.

## **IX. STATEMENTS OF MARNI YANG**

54. The prosecution and task force agents found a weak-willed and unstable witness in Christi Paschen. She held herself out to be a medium-a fortuneteller. She claimed to have worked for the CIA and other fanciful fiction. The prosecution took Paschen and her boyfriend, R. 1-27-2011, Page 114, Line 23, into custody and put them up for days in a hotel room. They questioned Paschen endlessly about her knowledge of Marni Yang and the crime. All without success.

55. After days of failure, the task force agents told Paschen she would be charged with the murder of Rhoni Reuter unless she told them about Marni Yang's involvement in the crime. Under extreme pressure, Paschen collapsed, fearing she would be arrested. See handwritten statement of Christi Paschen in Exhibit 20.
56. Statement is incorporated by reference and made part of this post-conviction petition.
57. Paschen agreed to wear a wire and work for the prosecutor in an attempt to obtain a statement from Marni Yang.
58. It should be noted that Yang had been relentlessly interrogated by the police about this murder. She steadfastly insisted she was innocent.
59. Paschen and Yang arranged to meet at a Denny's restaurant. Paschen was wearing a concealed recording device. She was instructed by the prosecutor to ask questions that would elicit Yang's involvement in the crime.
60. The tape of Marni Yang's conversation with Paschen was played to the jury and relied heavily by them in their guilty verdict.
61. This procedure was flawed from the beginning.
62. The task force agents had already interrogated Yang. They had already shown her crime scene photos—photos of Reuter's body in a pool of blood, photos of the kitchen area in Reuter's apartment where her body was found. The police had already told Marni Yang facts about the case—facts that Yang regurgitated in her conversation with Paschen. R. 11-5-2010, Pages 1-138.
63. More importantly, the trial defense team and the jury were not told about Marni Yang's telephone call to her father, Larry Merar, and a separate call to her mother, Francine Merar, the night before her taped conversation with Paschen. The state had telephone overhear orders on Marni Yang's phones. They knew about her calls to her father and

her phone conversation with her mother. But Assistant State's Attorney Patricia Fix never produced those calls in her discovery disclosures. The law clearly requires a prosecutor to disclose exculpatory evidence. *Brady v. Maryland*, 373 U.S. 83 (1963). Although the phone logs kept by law enforcement show the calls to the Merars were made and recorded, no recording was ever produced. Exhibit 21.

64. Perhaps worse, in the Paschen recording at Denny's, Christi Paschen excuses herself from the restaurant table, goes to the restroom to call her police handlers.
65. In the monitored calls to her parents, Marni Yang told them that she was told by Paschen that her teenage son, Andrew, was about to be arrested and charged with the murder of Rhoni Reuter. This scared Marni. She told her parents that she was going to make up a story about her own involvement in the crime to avoid Andrew's arrest on a murder charge. In the conversation with Larry Merar, he urged his daughter to hold off and talk to Lerner and Hedrick, her defense lawyers, on Monday. She balked. Marni told her dad that she would just make up a story and let the lawyers take care of it afterward. She foolishly believed that this plan would protect her son.
66. When Paschen excused herself to call the police handlers, she reported that she thought Marni had seen the recording device accidentally. In fact, Marni had told Paschen that to protect her son she was going to "make shit up." Exhibit 22. While the statement that she was going to make up a story is captured on tape, the jury never heard it. ASA Fix didn't play it. The defense lawyers didn't know about it.
67. This tape recording is incorporated herein by defense and made part of this post-conviction petition.

68. The monitored intercepted calls to Larry and Francine Merar were never produced or played. The jury was deprived on the opportunity to learn the truth of this fabricated conversation with Paschen.
69. Additionally, there are many factual errors in the “shit” Marni made up to save her son.
70. Marni told Paschen that when Reuter was shot, she fell backward into the kitchen counter. Exhibit 23-24. She falsely stated that Reuter fell backwards, striking the countertop, and fell on the floor on her back. The police found her face down in a pool of blood. There was no evidence that she rolled on to her belly after falling on her back.
71. This tape recording is incorporated herein by defense and made part of this post-conviction petition.
72. Marni told Paschen that as she left the scene, Marni had to kick Rhoni’s legs inside the apartment in order to close the door. Photographs of the crime scene show that the victim’s legs were well inside the kitchen.
73. Marni just got it wrong as she “made shit up” to protect her son.

**X. ASA FIX KNEW THAT THE STATEMENTS MADE BY MARNI YANG WERE FABRICATED. SHE KNEW THAT THE NIGHT BEFORE THE STATEMENTS TO PASCHEN, MARNI HAD CALLED HER PARENTS.**

74. Tape recorded all phone conversations of Marni by Title III court order.
75. On or about February 28, 2009 to March 3, 2009 Marni called Larry Merar and Francine Merar to tell them Christi Paschen had informed her that the police said that a judge had issued a warrant for Andrew's arrest. He was going to be arrested on

- Tuesday. Marni told her parents that she was going to falsely “confess” because she would not let them arrest her son for a crime that he did not commit.
76. Larry Merar was questioned by a polygraph examiner, Lee McCord. His curriculum vitae is Exhibit 25. The report of those examination is attached as Exhibit 26.
  77. Post-conviction defense investigators compiled the actual phone records of Marni Yang on her two phones, Larry Merar on his two phones and Francine Merar on her two phones. A comparison of these calls with the wire log recordings of Marni Yang's phones was made. A difference existed in the time on the Lake County Major Crime Task Force length of calls and the phone company's records.
  78. A comparison was then made of the length of the call from the wire log time against the actual recording. Several seconds are missing from many of the calls. In other words, the recording length was shorter than the log time and the log time was always shorter than the phone company record. Exhibit 27 and 21.
  79. This report is incorporated by reference and made part of this post-conviction petition.
  80. The calls between Marni and her parents are noted in the logs. Yet neither of these conversations were disclosed to the defense by Ms. Fix.
  81. Due to the inconsistencies of the phone calls and the lack of disclosure of the calls between Marni Yang and her parents detailing her plans to falsely confess to the murder, Michael Primeau conducted forensic testing on the wiretap recordings.
  82. Primeau was able to locate a log of the calls however the conversations were not on the designated discs. Exhibit 21.

83. No recording of conversation between Marni and Larry or Marni and Francine were produced stating Marni was going to confess to prevent Andrew from being arrested.

**XI. THE TREATMENT OF ANDREW BY THE POLICE GAVE GREAT CREDENCE TO MARNI'S FEAR THAT ANDREW WAS TO BE CHARGED WITH THE MURDER.**

84. Lake County Major Crimes Task Force agents clearly treated Andrew Yang, a 16-year-old child, as if he were a suspect in the murder of Rhoni Reuter.
- a. He was placed in a photo lineup Exhibit 28
  - b. He was picked up by police numerous times and questioned for hours on end. Exhibit 29
  - c. His friends were questioned. Exhibit 30
  - d. He was threatened by police that "one of you are going to prison for the rest of your life will it be you or your mother?" Exhibit 29
85. Although not called by the state as a witness, the abuse of child witness/subject Andrew Yang tainted the investigation process and further tainted the reliability of Marni Yang's conversation with Christi Passion.
86. Marni Yang believed that her son, Andrew, was to be arrested for the murder of Rhoni Reuter.

**XII. MARNI YANG DID NOT KILL RHONI REUTER**

87. Marni Yang was home at the time of the murder of Rhoni Reuter. Ms. Yang had informed her co-workers that she had car troubles the night before.

88. On October 3, 2007 Marni sent an e-mail from her home computer telling everyone at work that she was having car trouble and would not be able to come to work on October 4, 2007. Exhibit 31
89. There was much controversy over this email. The police seemed to think she sent it before she actually could have had any car trouble. This was based on the time Shaun Gayle told the police that Marni left his house, not the actual time Marni left.
90. Maggie Zimmer gave a copy of the email to Detective Scott Frost, and an agreement was reached between the two of them for Zimmer to have the company IT specialist to trace the routing of the e-mail. Exhibit 32
91. The IT specialist stated it came from IP 71.239.78.215 at 9:31 pm on 10-03-07. Exhibit 33
92. Maggie Zimmer testified at trial about this e-mail. 3-8-2011, Pages 33-54, Line 9.
93. Defense counsel, Jeff Lerner, mistakenly stated the e-mail was sent from Marni Yang's Blackberry. 3-8- 2011, Page 54, Line 4.
94. In closing argument, the State said Marni sent the email to give herself an *alibi*.
95. While searching through the documents within the discovery, numerous items were discovered reflecting IP 71. 239.78.215 which is the IP address of Marni's home computer. A confirmation was then made. The e-mail was sent from Marni's home computer. Marni Yang was home when she sent the e-mail and that she went home after leaving Gayle's house. This is exactly what Marni has stated in all of her police interrogations. Exhibit 34
96. Defense lawyers dropped the ball!

97. The IP address additionally refutes Christi Paschen's claim that Marni spent the night at her house and confirms Marni went home after she left Shaun Gayle's and never made it to Christi's house.
98. Defense lawyers have a constitutional duty to investigate evidence. Here the defense lawyers abnegated their responsibility and acquiesced to the state's false narrative.
99. Marni woke up to get her children off to school. She gave Emily the swim cap and hair nets and said "I hope you get in the pool today!" This started an argument between Emily and her. Brandon heard them arguing as he left for school.
100. Marni Yang then began trying to fix her car in the garage. At 8:00 a.m. she called Andrew from the garage to get him to come out and help her. Andrew did not answer the call because he did not recognize the number. She went back in the house checks on Andrew.
101. At 9:13 a.m. she received a call on her landline from a collection agency in New York. Exhibit 35, 36 and 29; Exhibit 37 and Exhibit 38
102. Sal Devera brought a battery to the house and dropped it off. Exhibit 39
103. He entered the house to clean his hands and saw Marni. She looked normal and acted normal. She did not appear to be upset or acting nervous. Her hair was normal and not wet, it did not appear to have been flattened by wearing a hair net or swim cap. Exhibit 12
104. Marni Yang was at home changing the battery in her car.
105. On March 8, 2017, Andrew Yang submitted to a polygraph examination that his mother Marni Yang was home on the morning of October 4, 2019 and that he was home sick from school.



106. Andrew stated his mother was having car trouble and did not leave the house until after Sal Devera delivered a battery to them. Andrew further stated that his statements to the police were not voluntary and that he was told by the police that it was going to be him or his mother who went to prison for the murder.
107. The polygrapher Lee McCord determined that Andrew Yang was telling the truth.

Exhibit 40

Marni Yang voluntarily submitted to a polygraph examination which asked her the following questions:

- a. Did you falsely confess to the murder of Rhoni Reuter to shield your son Andrew from the police? **Yes.**
  - b. Were you lying when you confessed to Christi Paschen that you committed the murder of Rhoni Reuter? **Yes,**
  - c. Did you see the wire that Christi was wearing before you made the confession to her? **Yes,**
  - d. Was your false confession based on your interview with the police and the things you heard in the media? **Yes.**
108. This polygraph examination is incorporated herein by reference and made part of this post-conviction petition.

**XIII. THERE EXISTS IMMUTABLE SCIENTIFIC EVIDENCE THAT MARNI YANG COULD NOT HAVE FIRED THE SHOTS THAT KILLED RHONI RUETER.**

109. In reviewing the discovery material, including crime scene photographs taken by police investigators, post-conviction defense investigators, Art Borchers and John Larson, realized that rolls of film existed with scene photos never provided to trial counsel.
110. An agreed upon order was entered allowing the defense to obtain the photos of the tire tracks and then the State withdrew cooperation and the defense has still never seen the photos of the tire tracks for comparison with the rental car of Marni Yang. Exhibit 42

111. Important photographic evidence was not previously disclosed to the defense.
112. Crime scene photos were taken. Upon a careful examination of the crime scene photos it was noted that several were missing from the sequence.
113. Art Borchers of Larsen Forensics conducted a forensic examination on the photos and the defense requested a complete copy of all crime scene photos. When the photos were delivered to Stone and Associates, the photos not previously given to the defense were the trajectory photos clearly proving Marni Yang was not tall enough to be the shooter.
114. Defense then obtained the original discovery evidence given to Jeff Lerner and Bill Hedrick and the trajectory photos had not been disclosed to them. Withholding the trajectory photos crippled the defense by preventing them from obtaining an expert to determine the height of the shooter.
115. At trial, the trial defense complained about not having all of the photos.
116. The photos that were not originally given to the defense were used to determine the bullet trajectory. These photographs provide scientific proof that the shooter was taller than the victim. Marni Yang is 5'0" tall. Rhoni Reuter was 5' 9" tall.
117. Marni Yang is forensically eliminated as the killer.
118. John Larsen reached an opinion, to a reasonable degree of scientific certainty that Marni Yang was not the shooter.
119. Larsen's report on bullet trajectory, order of shots and conclusions forensically eliminating Marni as killer. Exhibit 44 and Exhibit 45
120. This report is incorporated herein by reference and made part of this post-conviction petition.

#### XIV. CONSTITUTIONAL CLAIM OF INNOCENCE

121. Marni Yang re-alleges all of the earlier sections of this Petition and expressly incorporates them as if they were fully set forth herein.
122. Marni Yang is actually innocent of the murder of Rhoni Reuter and her unborn child. It is well-established that Illinois has no interest in wrongfully incarcerating innocent persons. Procedurally, doing so “would be fundamentally unfair.” *People v. Washington*, 171 Ill. 2d 487 (1996); see also U.S. Constitution, amends 5 and 14. Substantively, imprisoning the innocent would be “so conscience shocking as to trigger the operation of substantive due process.” *Washington*, 171 Ill. 2d 487-88; see also U.S. Constitution, amends 5 and 14.
123. Thus, a defendant who is actually innocent of the offenses for which she is convicted may bring a free-standing claim of actual innocence, seeking reversal of her conviction.
124. To prevail, the defendant needs to present supporting evidence which is new, material, and non-cumulative, and which would probably change the result on retrial. *Washington*, 171 Ill. 2d at 489. “New” evidence is evidence that has been discovered since the trial and that the defendant could not have discovered sooner through due diligence.” *People v. Ortiz*, 235 Ill. 2d 319 at 334 (2009). Marni Yang presents such evidence in this Petition.
125. The prosecution intentionally concealed the existence of certain tape recorded and photographic evidence. By failure to disclose tapes, photographs and other exculpatory evidence from the trial defense lawyers, the prosecutors deprived Marni Yang of a fair trial and affirmatively denied the jury of critical information, rendering their verdicts unreliable.

126. New scientific techniques employed by Dr. Karl Reich on DNA testing of live cartridges found at the crime scene allowed for extraction of DNA material from those unspent rounds. Marni Yang's DNA was not present on them.

New evidence in the form of expert affidavits from numerous forensic experts establishes that Marni Yang was not the shooter who murdered Rhoni Reuter.

**XV. PATRICIA FIX SUBORNED PERJURY AND KNOWINGLY COERCED A CHILD TO LIE AT TRIAL**

127. Marni Yang re-alleges all of the earlier sections of this Petition and expressly incorporates them as if they were fully set forth herein.
128. Emily Yang, the Petitioner's sixteen-year-old daughter, was called by ASA Fix as a prosecution witness at trial in an effort to mislead the jury, Ms. Fix suborned perjury and obtained a false statement from Emily. When Emily balked at giving a false testimony at trial, Fix threatened her and coerced this child to lie under oath at her mother's trial.

Exhibit 46A

**XVI. TRIAL COUNSEL PROVIDED INEFFECTIVE REPRESENTATION TO MARNI YANG**

129. Marni Yang re-alleges all of the earlier sections of this Petition and expressly incorporates them as if they were fully set forth herein.
130. Both the Illinois constitution and the Constitution of the United States guarantee a criminal defendant the effective assistance of counsel. Those rights are violated where

the attorneys' representation "fell below an objective standard of reasonableness" and there is a "reasonable probability that, but for counsel's unprofessional errors, the result of the proceedings would have been different." *Strickland v. Washington*, 466 U.S. 668, 688 (1984); Ill. Const. Art. I, sect. 8. A reasonable probability is a "probability sufficient to undermine confidence in the outcome." *Id.* In Marni Yang's case, his trial lawyers were constitutionally deficient in several ways, which prevented the trial jury from being able to consider all the evidence in this case. These deficiencies, both individually and cumulatively, affected the outcome of Marni Yang's trial.

131. The failure to examine all of the discovery material provided to them and rely only on the summary and edited version of the discovery given them by Assistant State's Attorney Patricia Fix fell below objective standards of reasonableness. The failure to adversarially challenge the gas station video tape and stipulate to its admission allowed the triers-of-fact to believe, falsely, that a car scene in the video was the car driven by Marni Yang. The failure to investigate alternative suspects allowed the jury only to consider the case against Ms. Yang. The failure to examine overhear logs and challenge the absence of exculpatory tape recordings of conversations deprived the jury of critical evidence to undermine the reliability of the state's introduction of Marni Yang's conversations with Ms. Paschen.

## **XVII. MARNI YANG'S PROSECUTION VIOLATED HER RIGHT OF DUE PROCESS**

132. Marni Yang re-alleges all of the earlier sections of this Petition and expressly incorporates them as if they were fully set forth herein.

133. As described throughout this Petition, Assistant State's Attorney Patricia Fix concealed exculpatory evidence from the defense, hid from disclosure to defense counsel photographs of the crime scene and projectile trajectory that are clearly exculpatory. Ms. Fix hid from the defense prosecution knowledge that the Beretta 9mm pistol, once owned by Ms. Yang, had been stolen from her long before this crime was committed. Ms. Fix and police investigators coerced a minor child, Andrew Yang, into giving false testimony. Ms. Fix suborned the perjury of Emily Yang. The prosecution submitted bogus phone company records to secure eavesdropping orders, knowing that the phone company records were not merely ones not generated by the company but worse, false and misleading. Ms. Fix falsely claimed that messages sent by Ms. Yang were generated on a mobile device knowing that the IP address for the transmission was her desktop computer, thereby falsely challenging an *alibi* defense. Ms. Fix advanced a patently false narrative that Ms. Yang used a homemade silencer to execute her crime. Ms. Fix failed to disclose the state's agreement with Christi Paschen, hiding the benefits conferred upon her and failing to disclose the state's agreement not to prosecute her in exchange for her cooperation.
134. A criminal conviction obtained through the knowing use of false testimony constitutes a violation of due process, *People v. Brown*, 169 Ill. 2d 94, 103 (1995). Marni Yang's claim of actual innocence was systematically obstructed at the pretrial and trial stages by egregious prosecutorial misconduct.
135. Where this Petition sets forth a claim of prosecutorial misconduct, supported by affidavits and expert evidence, Marni Yang is entitled to an evidentiary hearing.

**XVIII. THE TRIAL OF MARNI YANG LACKED INTEGRITY. THE VERDICT IS  
UNRELIABLE. MARNI YANG IS INNOCENT.**

136. The investigation of the murder of Rhoni Reuter was marred by police misconduct and careless investigatory procedures.
137. Reincorp
138. A crime scene photo shows the body of Ms. Reuter with a set of keys on the floor between her legs. This could have been a critical piece of evidence. It turned out to be a keyring left by the incompetence of a coroner's investigator. Exhibit 46
139. Fingerprints on the dining room doorknob were determined to be those of a police officer (Michael Scarry) Exhibit 47. This kind of crime scene sloppiness is inexcusable and allows both for wrongful convictions and for allowing guilty killers to escape justice.
140. The myopic focus of the state's investigation centered on Marni Yang, not because evidence pointed in that direction but because of unsupported suspicions.
141. The task force investigators failed to investigate the alibi of Shaun Gayle, Ms. Reuter's lover.
142. Gayle provided the state with inconsistent stories of his whereabouts. His inconsistent statements are appended as Exhibit 48
143. The police found Ms. Reuter's diary. In it she documented her relationship with Gayle; that her unborn child was his; that she ached for a monogamous relationship with the former Bears football star. See pages from her diary found in the police reports. Exhibit 49

144. Post-conviction defense investigators found the largely ignored evidence of Gayle's relationship with Reuter. It was in the evidence vault of the Circuit Clerk. Exhibits 49 and 50
145. Reuter had experienced several earlier pregnancies with Gayle. Each had been aborted. Doctors' records report such. Exhibits 51 and 52
146. Gayle claimed he first learned of Reuter's murder while getting his hair cut at LeRoy's Barber Shop in North Chicago, Illinois. The police investigation reports that Gayle never got his haircut in the morning. The police investigation further reports that after Gayle got the phone call that the mother of his unborn child had been murdered, he calmly finished his haircut. When questioned by the police later that morning, Gayle, who claimed no knowledge of Reuter's death, asked, "Was she found lying in a pool of blood?" Exhibits 48 and 53
147. Occurrence witnesses reported a tall black man in the area of the Reuter condo building. Gayle had no *alibi* for his whereabouts at the time of the shooting. Exhibit 1
148. Curiously, the police reports show that a week prior to her death, Reuter and Gayle talked about the birth of their child. The investigators report that Reuter told Gayle, we need to purchase baby furniture. Gayle replied, "Wait and see what happens. You don't know if the baby will make it." Exhibit 54
149. The police closed their investigation of Gayle giving great deference to his celebrity status.
150. Rather than gather compelling evidence of who killed Rhoni Reuter, the Lake County Major Crimes Task Force began to fabricate evidence to fit their theory of Yang's guilt.
151. They fabricated a story of the Shell gas station video.
152. They hid evidence of the Beretta pistol.



- 153. They made up the idea of a homemade silencer.
- 154. They misled the court about the TracFone.
- 155. They concealed from the defense exculpatory photos of bullet trajectories that show Marni Yang did not commit this murder.
- 156. They withheld tape recorded evidence to undermine the reliability of the Yang/Paschen conversation.
- 157. They forced a 16-year-old girl to lie about her mother.
- 158. In short, the investigation and prosecution of Marni Yang lacks integrity and should be dismissed.

**XIX. CUMULATIVE ERROR**

- 159. Marni Yang re-alleges all of the earlier sections of this Petition and expressly incorporates them as if they were fully set forth herein.
- 160. Even if individually the errors and other matters alleged here are not found to be sufficiently prejudicial to grant Marni Yang post-conviction relief, the cumulative effect of all of the matters alleged in this Petition deprived Marni Yang of her fundamental due process right to a fair trial.

**PRAYER FOR RELIEF**

WHEREFORE, Marni Yang moves this court to consider the prejudicial impact of each of the above-stated deprivations of her constitutional rights, individually and in combination with one another.

Accordingly, Marni Yang respectfully requests the following relief:

- a. Outright reversal of her conviction;
- b. Vacation of her conviction followed by a new trial; or
- c. An evidentiary hearing in which proof may be offered concerning the allegations contained in this petition.

Respectfully submitted,

\_\_\_\_\_  
Jed Stone  
Attorney for Marni Yang

**STONE & ASSOCIATES, LTD.**  
**415 West Washington St., Ste 107**  
**Waukegan, IL 60085**  
**(847)336-7888**  
**jstone@jedstone.com**

### VERIFICATION

Marni Yang, being first duly sworn, states upon her oath and subject to the penalties for perjury, that the facts contained in the foregoing Petition for Post-Conviction relief are true and correct and that she asserts her innocence to the charge of murder of Rhoni Reuter and her unborn child.

---

Marni Yang



## LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

File No. 07-15329	Reporting Date: 10/29/07 6:40pm	Reporting Officer: Investigator Burke	
Subject of Case: Manda V. CAMERON (F/W DOB: 12/19/76)433 Elm Street, Unit F Deerfield, IL 60015, home TX 847-940-0886	Typed By: Sherry Kirby	Date: 11/12/07	Lead No. 23

In summary, on 10/04/07, I met with Manda V. CAMERON at her place of employment, Northbrook Plastic Surgery, TX 847-205-9332, just after 2:00pm.

Manda had called the Deerfield Police Department after learning of the homicide that afternoon. Manda stated she called because she noticed a suspicious subject earlier in the morning as she left for work and she felt this was odd enough to warrant a call to police.

I was advised that Manda lived across from the victim's unit, but she was missed during the morning canvas because she was already at work. Manda gave me directions to her work and she agreed to speak with Detective Jason BALDOWSKY and I at her office.

Later that afternoon, once at Manda's place of employment, we interviewed her in the office area, and she explained the following:

Manda said she was running late for work and she walked out of her unit, Unit F in the 433 building at approximately 7:52 am the day of the incident. Manda said she got into her car, which is in the main parking lot, facing northeast, and she pulled away. Manda stated she did a short u-turn in the lot to go out the main entrance/exit. As her vehicle went past the Elm Street units across from hers, Manda observed a male black subject walking at a fast pace southbound across the lawn area close to the buildings which face her unit. Manda said the subject turned eastbound and walked up the nearest entrance and up the stairs to the second floor. Manda stated at this time, she could not provide a unit or building number, but stated she could provide a sketch of the unit the subject went into.

I asked Manda why she thought this was suspicious. Manda stated what caught her eye was the costume style wig the subject was wearing. Manda stated the subject was wearing a dark in color (almost purplish) full-length velour-type sweat suit with a dark in color short curly wig.

When asked to explain, Manda stated she was positive it was a costume wig because of the way it was shaped and how it rested on the subject's head. Manda further stated the subject was short, approximately 5'7" to 5'8" tall with an athletic build, and approximately mid-twenties (age-wise). Manda said she also observed the subject had what appeared to be gold in color glitter on the neck area up to the face.

Manda further stated the subject's skin was very smooth, as well as very dark. I asked Manda if this could also be make-up and she stated "No" the subject's skin appeared to be naturally dark in tone.

## LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 07-15329	Reporting Date: 10/29/07 6:40pm	Reporting Officer: Investigator Burke	
Subject of Case: Manda V. CAMERON (F/W DOB: 12/19/76) 433 Elm Street, Unit F Deerfield, IL 60015; home TX 847-940-0886	Typed By: Sherry Kirby	Date: 11/12/07	Lead No. 23

Manda went on to state she was concerned we would think she was crazy but insisted what she saw was real. Manda said the outfit the subject was wearing was very bizarre and costume-like and that is what drew her attention so early in the morning.

I asked Manda if she could pick the subject out of a photo line-up and she said "No." Manda explained her observation was from a side angle and she never saw a full frontal view of the subject's face. Manda did agree to assist in a composite drawing should it be required.

At this time, I asked Manda to draw rough sketch of her building and where she observed the subject walk to. As Manda began to draw, I asked her if she knew anything about where the victim lived or who she was. Manda stated she knew nothing other than someone had been killed in the complex nearby. Manda stated while at work, a neighbor called her early in the morning to say there was something going on at the complex. Manda's neighbor stated there were police everywhere and helicopters flying overhead. A few hours later, Manda learned that someone had been killed, though she did not know any of the details.

Manda finished her drawing and I noted she had the subject walking into the victim's unit. I did not divulge this information, but asked Manda if we could meet at her residence after work to be clear where she saw the subject and which unit the subject entered. Manda said she would call once she got home, sometime after 5:30pm.

Later that evening after 7:00pm, I met with Manda at her residence. Manda gave an overview of where she first observed the subject as well as where she saw the subject enter. Manda stated she was positive the subject went up the stairs. Again, as mentioned previously in this report, this would lead to the victim's unit.

Several evidence technicians were still on scene and were advised of this information. This area, as well as other nearby units were checked again, but nothing was found.

I returned to speak with Manda and she attempted to describe and draw the wig in detail. Manda was unable to give me an idea of what it looked like, and I asked Manda if she would check internet web sites to assist her.

Investigator Burke

Investigator Burke

Page 2 of 3

Investigator Burke

Approved By:

000076

44

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C. No. 07-15329	Reporting Date: 01/08/08	Reporting Officer: Detective Mazariegos
Subject of Case: Death Investigation	Typed By: Sue Lesnak	Date: 01/23/08
		Lead No. 23

The purpose of this report is to document the investigative activities of Detective MAZARIEGOS.

On 01/01/08 at 5:50PM, while conducting a follow-up neighborhood canvass on the 400 block of Elm Street, Deerfield, Illinois, Detectives BERNAS, NICHOLS and Mazariegos spoke with Manda CAMERON at 433 Elm Street, Unit 4F. Reference is made to the Lake County Major Crime Task Force, Lead #23, case #07-15329. This is a summary of our interview and is not verbatim.

We spoke with Manda regarding the incident on 10/04/07. Manda was asked if she would be willing to view two (2) photos. Manda agreed and invited us inside her condo. Manda was asked if she remembered anything about the subject she previously reported seeing. Manda began by telling us she first saw the subject outside Reuter's building. Manda said she saw the subject go up the outside entrance stairs and then up the stairs inside the building. Manda described the subject as moving at a fast pace and skipping every other step as the subject went up the stairs. Manda was not sure which second floor unit the subject went to.

Manda describes the subject as being between 5'0" and 5'5" in height. Manda said the person was thin and appeared to be in good physical shape. Manda said the subject was wearing a dark colored velour outfit with matching pants and jacket. Manda said the outfit was oversized and too big for the person wearing it. Manda said the person appeared to be wearing a black curly haired wig. Manda believes the subject's face had some sort of paint or makeup on it because she saw gold glitter sparkling on the subject's face. Upon seeing the subject, Manda thought it was too early for a Halloween costume and thought the outfit could have been a high school homecoming costume.

Manda said the subject she saw on 10/04/07 had a very distinct jaw line. She said the person had tight, smooth skin with absolutely no facial hair or pock marks.

Manda was shown two (2) pictures, one of a 2001 Infiniti QX4 (similar to Marni yang's registered vehicle) and a photo of Marni Yang. Manda viewed both photographs and she does not recall seeing that specific vehicle. When Manda viewed Marni's photo she immediately indicated Marni's jaw line, neck and tight skin are the same as the subject's she saw enter Reuter's building on 10/04/07. Manda told us because she works for a plastic surgeon she focuses on details of a person's face.

End of Report.



## Northeastern Illinois Regional Crime Laboratory

1000 Butterfield Road, Suite 1009, Vernon Hills, IL 60061

Phone: (847) 362-0676 Fax: (847) 362-0712

Board President  
William Gallagher

Executive Director  
Garth Glassburg



Sheriff Mark Curran  
Lake County Sheriff's Office  
25 S. Martin Luther King Ave.  
Waukegan, IL 60085

COPY

**Subject:** Homicide Investigation  
**Agency Case #:** 07-15329  
**Case Officer:** LCMCTF  
**Submission Date:** 10/05/2007, 10/10/2007

**Laboratory Case #:** 07-4728  
**Laboratory Report #:** 5  
**Report Date:** 10/11/2007

**Case Names:** Rhoni R Reuter  
Shaun L Gayle

The following evidence was submitted in a sealed condition:

<b>ITEM 23</b> (RCO004)	Exhibit 01 the known fingerprints and palm prints of: reported to be from: Shaun L. Gayle (signature only)
<b>ITEM 24</b> (DT007)	Exhibit 01 reported as doorknob from outside living room door
<b>ITEM 25</b> (DT008)	Exhibit 01 reported as doorknob from inside living room door
<b>ITEM 26</b> (DT009)	Exhibit 01 reported as doorknob from outside kitchen door
<b>ITEM 27</b> (DT010)	Exhibit 01 reported as doorknob from inside kitchen door
<b>ITEM 28</b> (RG012)	Exhibit 01 the known fingerprints and palm prints of: Rhoni Reuter

### RESULTS

Items 24, 25, 26, and 27 were processed for latent impressions.

Friction ridge detail suitable for comparison purposes was developed on Items 25 and 26.

The known impressions of the above listed individuals were compared with the developed latents.

No associations could be made.

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

2

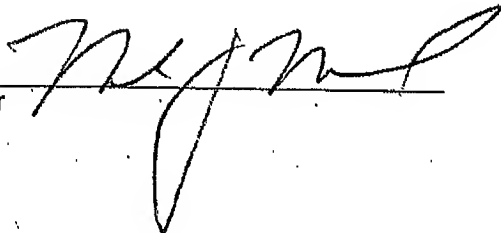
006868



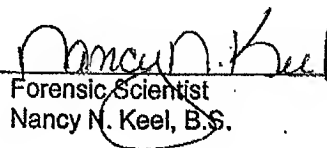
Lab Case 07-4728  
Lab Report # 5  
Analyst Nancy N. Keel, B.S.

One of the latents is considered suitable for AFIS entry. The latent was searched through the system with no significant response. Therefore, the latent was registered in the system's unsolved latent database. Future searches will be conducted periodically.

Reviewer



Forensic Scientist  
Nancy N. Keel, B.S.



006869

**TEST REPORT**

*For results of related casework, see case NL-29683 reports issued on 02/18/2016 and 12/04/2018.*

Jed Stone  
Stone & Associates, Ltd.  
415 Washington St.  
Waukegan, IL 60085

December 4, 2018

Re: People v. Marni Yang #09 CF 926  
Lake County Sheriff's Office Case # 07-15329  
Deerfield Police Department Case # 07-10980  
IFI Lab Case # NL-35624

**Request:** Genetic Identification testing

**Received:** Via hand delivery by Perry Myers;  
Arrived at Independent Forensics on 05/17/2018;  
Twenty items as follows:

Exhibit # 1: LCSO Item #JY005; People's Exhibit # 66; 9mm live round  
(35624-102771-Q1)

Exhibit # 2: LCSO Item #JY008; People's Exhibit # 67; 9mm live round  
(35624-102771-Q1)

Exhibit # 3: LCSO Item #JY010; People's Exhibit # 68; 9mm live round  
(35624-102771-Q1)

Exhibit # 4: LCSO Item #JY018; People's Exhibit # 69; evidence item missing

Exhibit # 5: LCSO Item #JY019; People's Exhibit # 70; 9mm live round  
(35624-102773-Q2)

**Additional items not tested:**

LCSO Item #JY002; People's Exhibit #51

LCSO Item #JY009; People's Exhibit #52

LCSO Item #JY012; People's Exhibit #53

LCSO Item #JY023; People's Exhibit #54

LCSO Item #RG015; People's Exhibit #55

LCSO Item #RG016; People's Exhibit #56

LCSO Item #RG017; People's Exhibit #57

LCSO Item #RG018; People's Exhibit #58  
LCSO Item #JY001; People's Exhibit #59  
Additional items previously tested in IFI case # NL-29683:  
LCSO Item #JY003; People's Exhibit #60  
LCSO Item #JY004; People's Exhibit #61  
LCSO Item #JY006; People's Exhibit #62  
LCSO Item #JY007; People's Exhibit #63  
LCSO Item #JY011; People's Exhibit #64  
LCSO Item #JY020; People's Exhibit #65

Via hand delivery by John Larsen;  
Arrived at Independent Forensics on 05/31/2018;  
One item as follows:

Exhibit # 6: Portion of LCSO Item #RG026; People's Exhibit # 43; stained fabric (35624-102847-Q3)

Via hand delivery by John Larsen;  
Arrived at Independent Forensics on 08/28/2018;  
Five items as follows:

Exhibit # 7: DPD Item #054; LCSO Item #DT010; brown paper bag labeled kitchen door knob from inside containing:

Exhibit #7A: kitchen door knob from inside (35624-104232-Q4)

Additional items not tested:

Two screws

Exhibit # 8: DPD Item #055; LCSO Item #DT009; kitchen door knob from outside (35624-104233-Q5)

Additional items not tested:

DPD Item #044; LCSO Item #JY016

DPD Item #051; LCSO Item #DT008

DPD Item #052; LCSO Item #DT007

Client requested genetic identification testing on Exhibit # 6 to serve as a reference for victim Rhoni Reuter. Client requested genetic identification testing on Exhibits # 1-5 and 7-8, to determine if a human DNA profile could be generated from the items, for comparison to the reference profile generated from Exhibit # 6 and the reference profile previously reported for Marni Yang (29683-102847-Ref\_1).

**Procedure for Genetic Identification:**

A sterile cotton swab moistened with lysis buffer was used to collectively sample Exhibits # 1, 2 and 3 (35624-102771-Q1). A sterile cotton swab moistened with lysis buffer was used to sample Exhibit # 5 (35624-102773-Q2). Swabs were processed as per Touch DNA Procedure and were analyzed for CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, TH01, TPOX, vWA and Amelogenin using the AmpF/STR Identifier kit as per LCN protocol.

A cutting of red-brown stained area approximately 0.50 cm<sup>2</sup> was removed from Exhibit # 6 (35624-102847-Q3), processed as per protocol for DNA extraction from blood stains, and analyzed for CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, TH01, TPOX, vWA and Amelogenin using the AmpF/STR Identifier kit as per protocol.

A sterile cotton swab moistened with lysis buffer was used to sample Exhibit # 7A (35624-104232-Q4). A sterile cotton swab moistened with lysis buffer was used to sample Exhibit # 8 (35624-104233-Q5). Swabs were processed as per Touch DNA Procedure and analyzed for CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, TH01, TPOX, vWA and Amelogenin using the AmpF/STR Identifier kit as per LCN protocol.

Samples 35624-102771-Q1 and 35624-102773-Q2 were analyzed for DYS19, DYS385, DYS389I, DYS389II, DYS390, DYS391, DYS392, DYS393, DYS437, DYS438, DYS439, DYS448, DYS456, DYS458, DYS635, and Y GATA H4 using the AmpF/STR Yfiler kit as per protocol.

**Results:**

A partial autosomal DNA profile was obtained from 35624-102771-Q1.  
A partial autosomal DNA profile was obtained from 35624-102773-Q2.  
DNA data were obtained from 35624-102847-Q3 at all loci examined.  
No reproducible DNA data were obtained from 35624-104232-Q4.  
A partial DNA profile was obtained from 35624-104233-Q5.

A partial Y-STR profile was obtained from 35624-102771-Q1.  
A partial Y-STR profile was obtained from 35624-102773-Q2.

### STR Summary Results

Locus	Q1 102771 consensus	Q2 102773 consensus	Q3 102847	Q5 104233 consensus
D8S1179	13	13, 15, 16	15, 16	
D21S11			28, 29	
D7S820			12, 13	
CSF1PO			10, 13	
D3S1358	16	14, 16	14, 16	14
TH01	9, 9.3	8, 9, 9.3	8, 9.3	
D13S317		9, 12	9, 12	
D16S539	11	11, 12	11, 12	
D2S1338			19, 24	
D19S433	14, 15	14, 16	14, 16	
vWA		14, 16	14, 16	
TPOX		8	8, 11	
D18S51		12	12, 13	
AMEL		X	X	
D5S818		12	12, 13	
FGA			18, 22	

### Y-STR Summary Results

Locus	Q1 102771	Q2 102773
DYS456		
DYS389I	14	
DYS390	23	23
DYS389II		
DYS458	17	
DYS19		
DYS385		15
DYS393	13	
DYS391		
DYS439		
DYS635		
DYS392		
YGATAH4		
DYS437		
DYS438		
DYS448		

#### Interpretation:

The DNA profiles obtained from Exhibits # 1-3 (35624-102771-Q1) are indicative of a single male contributor; or, assuming the victim is a contributor, of two contributors, including one female and one male.

The DNA profiles obtained from Exhibit # 5 (35624-102773-Q2) are indicative of a mixture of two contributors, including one female and one male, assuming the victim is a contributor.

The DNA profile obtained from Exhibit # 6 (35624-102847-Q3) is indicative of a single female contributor.

No interpretable human DNA profile could be generated from Exhibit # 8 (35624-104233-Q5).

**Conclusions:**

Rhoni Reuter is assumed to be a potential contributor to DNA data generated from the 9mm live rounds and kitchen door knobs.

Marni Yang is excluded as a contributor to the DNA profiles generated from the 9mm live rounds (Exhibits # 1-3).

Marni Yang is excluded as a contributor to the DNA profiles generated from the 9mm live round (Exhibit # 5).

DNA data reported for the stained fabric (Exhibit #6) constitute the reference DNA profile of victim Rhoni Reuter.

There are insufficient data for source attribution of any biological material on the kitchen door knobs.

Marni Yang is excluded as a contributor of the single reproducible allele generated from the kitchen door knob from outside (Exhibit # 8).

**Disposition of Exhibits:**

All items received on 05/17/2018 were released to Dr. Carlo Rosati on 06/20/2018.

Exhibit # 6 to be destroyed per client's authorization.

All items received on 08/28/2018 were released to John Larsen on 10/04/2018.



Shelby Carlson, B.S.  
Forensic Scientist

This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation AT-1639.

MAY 5, 2019

# SHELL VIDEO ANALYSIS REPORT

ILLINOIS V. MARNI YANG – 09-CF-926

ARTHUR H. BORCHERS

LARSEN FORENSICS & ASSOCIATES, INC.  
208 North Park Blvd., Glen Ellyn, Illinois 60137

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

4

## Table of Contents

Forward: Expert Disclosures .....	2
Qualifications of Witness: .....	2
Section 1: Opening .....	3
Compensation paid for study and testimony: .....	3
Section 2: Materials Reviewed .....	3
Section 3: Narrative / Discussion .....	4
Section 4: Background .....	4
Section 5: Analysis.....	4
DVR System Date and Time: .....	4
Trial Exhibits:.....	5
Image Resolution: .....	7
Trial Testimony & Chain of Custody:.....	15
Video Time Validity: .....	19
Section 6: Conclusions .....	19
Section 7: Appendices.....	21
Appendix A: Curriculum Vitae.....	21
Appendix B: Extracted .BMP and .TIF images on attached DVD.....	28
Appendix C: Google Earth Pro™ Images with Measurements.....	29
Appendix D: CAD drawing of camera field of view and measurements.....	34
Appendix E: Evidence Photos of Yang Rental Car .....	35
Appendix F: Smoothed Adobe Premiere 640x480 series with cropped and isolated car .....	38
Appendix G: Larsen Forensics & Associates Images of Shell Station on July 31, 2018 .....	39



**Forensic Video Analysis Report**

In re appeal of  
**Illinois v. Marni Yang – 09-CF-926**  
resulting from an incident at  
**441 Elm Street, Unit #3B, Deerfield, Illinois**  
on  
**October 4, 2007 at 8:05 a.m.**

Forward: Expert Disclosures

The following Curriculum Vitae material is tendered at the outset of this report.

Qualifications of Witness:

I, Arthur H. Borchers, am a specialist in forensic investigation pertaining to crime scene, shooting incident and traffic crash reconstruction. As a forensic reconstructionist, I examine and evaluate evidence such as bullet holes, spent shell casings, bloodstain evidence, hairs and fibers, footwear impressions, vehicle damage and location, as well as investigative case reports, notes, photographs, sketches, hospital and medical examiner's reports to assist in the reconstruction of a scene or event. On-site examination is an essential part of the reconstruction process where measurements, photographs and detailed diagrams are developed in support of the reconstruction process. These measurements and diagrams can assist in making determinations of bullet trajectories, shooter positions and vehicle speed and locations.

Forensic examination involves correlation and analysis of the information reviewed and developed to determine how an incident occurred. In this matter, I correlated and analyzed the information to determine 1) the location of the Shell security video camera; 2) determined the approximate field of view for the camera; 3) determined the approximate distance various objects in the video images are from the camera; 4) calculated the field of view at the various distances; 5) reviewed the testimony of and identified potential bias by Detective Mazariegos; 6) identified a potential chain of custody issue with the video itself; and 7) identified a question of the validity of the time displayed on every video frame.

Generally, special experience and training is required to perform such forensic analyses, correlations and make determinations. My curriculum vitae is included in Appendix A for a detailed listing of my work experience, training, classes/presentations, and publications and testimonial history. A short summary of my training and experience is provided below:

I began my law enforcement career with the Triton College Police Department in September 1980. While at Triton College, I took photography courses covering composition, use of light for exposure and darkroom development of film and photographs. In December 1982, I joined the Oak Park Police Department (OPPD). In 1985, I became an evidence technician responsible for processing crime scenes, recovering physical evidence, investigating serious personal injury traffic crashes and using photography to document much of my work.

In 1995, I completed the FBI instructor development course and began teaching various topics including evidence, traffic crash, report writing, firearms and use of force topics.

In 2002, I was promoted to sergeant and assumed supervisory responsibilities in the Patrol Division. There I responded to emergency calls for service that required direction and allocation of street personnel, performed administrative notification of significant incidents, investigated officer-involved traffic crashes for violation of Department policy and rules and made recommendations for recognition or discipline for officer actions as each situation warranted. I returned to the detective division in 2005 where I had direct supervision of a squad of Detectives and Street Crimes officers and indirect supervisory duties of the OPPD's evidence technicians and the evidence storage vault.

In 2008, I started my own crash reconstruction firm: Wreck Technology. I retired from the OPPD in January 2013 and joined Larsen Forensics and Associates where I continue to be involved with traffic crash, crime scene and shooting incident reconstruction. Since 2013, I have been involved in fifteen shooting incident reconstructions. My photography training covers a broad range of skills that allow me to review evidence, process photos to reveal hidden detail, use photogrammetry to measure and map scenes in 3D based on photographs. My firearms training gives me a background in ballistics, weapon function, training and use of force issues. My crash reconstruction training involves looking at the physical properties and behavior of objects, studying the time, motion of objects and human factors including perception and response issues, potential impairment due to alcohol or drugs and applying commonly accepted physics principles and mathematical analyses to an event. Due to my association Larsen Forensics & Associates, herein after "LFA," I have assisted in teaching the Bullet Trajectory Reconstruction course at the Suburban Law Enforcement Academy (SLEA) at the College of DuPage (COD) in Glen Ellyn, Illinois. In January 2017, I became an Adjunct Instructor at SLEA. In January 2017, I also became an instructor for Laser Technology, Inc., a manufacturer of laser measuring equipment, in their Law Enforcement Sales Division.

#### Section 1: Opening

On June 20, 2017, LFA began a review of this matter after receiving documents and photographs from Tammy Koelling. This report is divided into multiple sections to more easily break down the events.

Compensation paid for study and testimony:

An hourly rate of \$150 per hour for case related work plus reasonable expenses was established for this study.

#### Section 2: Materials Reviewed

In preparing this report, I examined and reviewed some or all the following documents and materials:

- Examined three compact discs containing identically named video files: "*Cam01[07\_00\_00-08\_30\_01].avi*"
- Reviewed the transcript of trial testimony of Detective Mazariegos of the Lake County Major Crimes Task Force (LCMCTF) pages 157 to 172 and 193 to 200.
- Reviewed LCMCTF and Deerfield Police Reports, Bates # 000001 to 000050 and # 004466 to 004484.
- Obtained and reviewed Google Earth Pro™ images for 655 Waukegan Road, Deerfield, Illinois

### Section 3: Narrative / Discussion

During the trial of Marni Yang, prosecutors used the video and testimony of Det. Mazariegos to positively identify the Yang rental car, a black 2008 Volkswagen Rabbit, as being present on the streets both arriving and leaving the area of the Reuter homicide.

This report will forensically examine the video from the Shell gas station at 655 Waukegan Road, Deerfield, Illinois, and explain the technical reasons why the video is unsuitable for use in positively identifying any car travelling on the streets depicted in the captured images. I will also discuss an evidentiary chain of custody issue with the video discs themselves. Finally, I will explain potential errors in viewing the videos, underscore apparent discrepancies, question the displayed time and highlight possible bias in the testimony of Det. Mazariegos regarding the video.

### Section 4: Background

The Shell gas station at question in this report is located at 655 Waukegan Road, Deerfield, Illinois. The station is located on the corner of Waukegan Road, Longfellow Avenue and Osterman Avenue. Waukegan Road runs generally northwest to southeast. Longfellow runs generally northeast from Waukegan Road. Osterman Avenue runs generally west from Waukegan Road.

On May 24, 2018, I accessed the three compact discs obtained from the Lake County Circuit Court Clerk's Office pursuant to Court Order and delivered to LFA. The three discs were found to contain identically named video files: "*Cam01[07\_00\_00-08\_30\_01].avi*". I copied the files to my computer for analysis with the Input Ace forensics program.

Input Ace reported that the three files are identical due to identical MD5 hash checksum values: "*c5587a86915aee7053eaeed3a3d0ee6d*". This checksum hash value, which is essentially a digital fingerprint, would be different if even one digital bit value of the files was different. Additionally, Input Ace reported that the original file CODEC (compression-decompression algorithm) was INDOE3, the frame rate was 1,000 frames per second (fps) and contained 18402 individual image frames with a 01:30:00:84 play length duration (one hour thirty minutes and eighty-four hundredths of a second). Issues with the video are immediately apparent in that if the frame rate were accurate, the video duration would be approximately 18.4 seconds. The image resolution or pixel dimension of each image was 320x240 pixels. Initial attempts to isolate individual frames and video sequences failed and forced that the file be transcoded into a different format.

Input Ace was then used to losslessly convert the file format into an .MP4 video. The lossless method guarantees that no data is lost during the conversion process. In the new format, Input Ace reported that the file contained 17,555 frames playing at 3.25 fps with a duration of 01:30:01:53 (one hour thirty minutes and 1.53 seconds). The resolution of the individual images was unchanged. I exported lossless and uncompressed bitmap (.BMP) images of every frame and they are included on the accompanying DVD as Appendix B.

### Section 5: Analysis

#### DVR System Date and Time:

There are no police reports regarding the actual collection of the video files and specifically any notation of the date and time displayed on the security system monitor at collection. There is no guarantee that the date and time displayed on the video are accurate due to power outages, changes of daylight-saving

time or being inaccurately set upon installation. Recording the date and time displayed at collection will either ensure the accuracy of the internal clock setting or allow for calculation of an error difference to allow correlation between the time displayed and the actual time of any event occurring on the captured video.

In my review of the video, I took note of the following events captured:

- At approximately 07:43:55, a police vehicle turns into the gas station from Waukegan Road, drives across the front of the gas station and parks at the corner slightly below and left of the camera. A numeral "4" is visible on the roof of the squad car. The squad car leaves at 08:00:37, apparently turning northeast on Longfellow Avenue.
- At approximately 08:15:16, a police vehicle drives west from Longfellow Avenue onto Osterman Avenue apparently with the normal flow of traffic as the car ahead and the squad appear to be driving at similar speed. No indication of activated emergency lights is observed. No attempt was made determine vehicle speed.
- At approximately 08:23:05 and at 08:23:11, an ambulance followed by a fire engine turn from northbound Waukegan Road to westbound Osterman Avenue.

According to the "timeline," DPD received a report of a woman screaming and a loud pop<sup>1</sup>, DPD units were dispatched to the 441 Elm Street area at 08:07. At 08:13, Unit 564 reports a female down and requests medical units. At 08:14 an ambulance is requested. Common procedure would be for the fire units to be dispatched and immediately respond to the incident location. Once on scene, their actions may be limited by police activity to clear the scene and ensure the safety of others. At 08:23, DPD officers indicate that one paramedic may come to the scene. The time differences tend to indicate that there was approximately nine-minute error between the Shell Station video recorder and actual time.

It does not appear that the LCMCTF personnel noted this time error or took it into account during their investigation. The Deerfield-Bannockburn Fire station is located at 500 Waukegan Road, several hundred feet from the Waukegan Rd., Osterman & Longfellow Intersection. As discussed below, the trial exhibit images display the times of 07:04:13 and 07:55:15. Accounting for the nine-minute error, the images would have captured street conditions at approximately 06:55 and 07:46 AM. The squad car seen going through the intersection would have actually been going through the intersection at approximately 08:06 which more closely matches the time DPD officers were dispatched.

#### Trial Exhibits:

In viewing the images from the video, at the times identified in the trial testimony and exhibits, roughly 7:04:13 am and 7:55:15 am on October 4, 2007, I noted the jagged or saw-toothed appearance of sloped surfaces and lines. The texture worsened as the apparent distance from the security camera increased. This jagged effect is a graphic artifact directly related to the image resolution known as "pixelization." Pixelization occurs when an image is shown or viewed at a size where the individual pixels, a single picture element, becomes visible. See Image 1 below where the windshield slope of the silver car parked at the gas pump is slightly pixelated (yellow circle). The white line of the pedestrian crosswalk is increasingly pixelated (green circle). The windshield of the car purported to be the Yang rental car is similarly pixelated but of special note, the right rear tire and wheel cannot be differentiated from the rest of the car and the silver or grey colored hubcap is not round. The bottom edge is flat making it look like a "D" rotated

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<sup>1</sup> Deerfield Police Offense Report Summary, Bates #004466

counter-clockwise (red circle). The roofline of the white house in the distance is a highly pixelated sawtooth (blue circle). Lastly, the distant trees are visible only as squared abstract shapes.



Image 1 – 7.4.13\_#00005.tif

When viewing the images related to the purported return trip of the Yang rental car at 7:55 am, the car in question is obscured by traffic in the left lane until the frame in Image 2. Again, note the distorted shape of the hubcaps and the fact that the tires cannot be differentiated from the rest of the car. The resolving power of the security camera is insufficient to capture detail at distance. Of special note is the printing on the gas pump at the right of the image. The only legible text or number is the "1" at the top of the pump. The "V" at the bottom is semi-legible. This pump is a relatively short distance from the camera. Any increase in distance from the video camera magnifies resulting distortion.



Image 2 – 07.55.18\_#00007.tif

**Image Resolution:**

Observing how distance influenced the captured images, I then turned to Google Earth Pro™ and examined current and past aerial images of 655 Waukegan Road, Deerfield, Illinois and the intersection of Waukegan Road and Osterman Avenue. Using the ruler tool in Google Earth Pro, I attempted to locate and measure prominent features of the Shell gas station, the intersection and other landmarks. I captured the measurements on my computer screen using Snagit 12™ by TechSmith and have included those images in Appendix C.

Based on the permanent features visible in the security video, I estimated the position of the video camera as being on the southwest corner of the Shell gas station building. Of note are the distance from the camera to corner of the white building at the far left of Images 1 & 2, now known to be a bank, as being approximately 243 feet. The traffic signal on the southwest corner of the intersection is approximately 152 feet distant. The left and right corners of the large white house are 275 feet and 265 feet distant respectively. Using Google Earth Pro, I found an archive image of the intersection taken on October 10, 2007 that shows the intersection to have substantially the same design and layout as today. This archive image is included in Appendix C.

Using CrashZone™ v. 10.6 computer software by CADZone, now owned by Faro and called FaroZone 2D or 3D™, I downloaded a scale representation of the intersection from Google and saved it as a layer.

Continuing to use the Shell station images, I attempted to determine the approximate field of view for the security camera. Using available landmarks, I estimate that the security camera had an approximate 64-degree field of view. The field of view is shown in Image 3 and Appendix D. The original document was printed at a scale of 1-inch equals 50-feet. Electronic duplication of the image will likely distort the image and scale bars have been included for verification and reference. The PDF version of the diagram included on the DVD should be printed at “actual size” to reproduce accurately. As an error check, I marked and measured lane width and other features in Google Earth Pro and CrashZone. These figures correspond reasonably given the image scale.

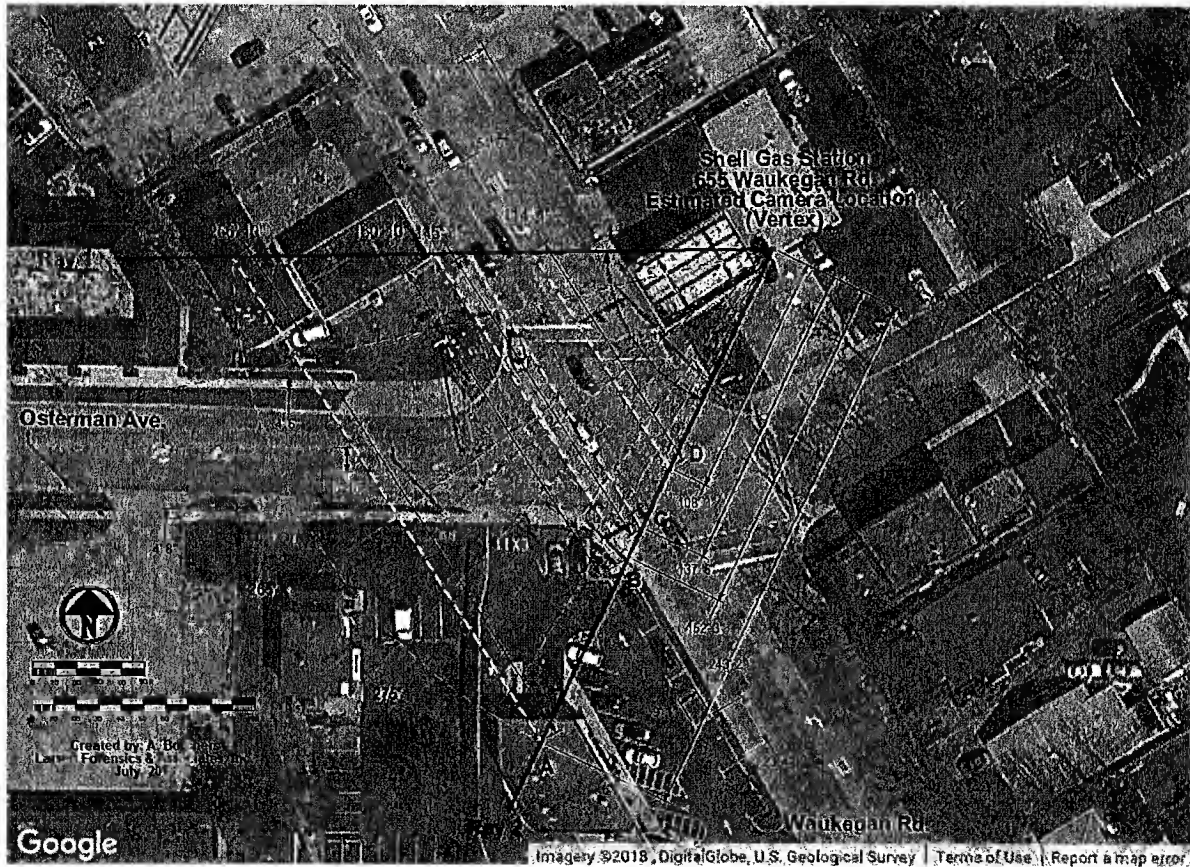


Image 3 – CrashZone & Google Earth Image

The width of the camera's field of view is dependent on object distance from the camera. Using several actual and estimated positions within the aerial image, I determined their approximate distance from the camera and drew an arc from one ray of the angle to the other ray. The vertex of the angle is the estimated position of the security camera. The arcs are shown as dashed yellow lines.

I then drew a chord between the intersection points of the arcs and the rays. The arcs and chords are labeled in red, A to D. The distance of **Arc A** to the camera is approximately 243 feet and represents the distance of the visible corner of the white building at the far left of each camera image. The length of chord A representing the field of view at that distance is 256 feet (shown in orange above ray 1).

The distance of **Arc B** to the camera is approximately 152 feet and represents the distance to the traffic signal without the overhead arm on the southwest corner of the intersection. The width of the field of view is approximately 160 feet.

The distance of **Arc C** to the camera is approximately 137 feet and represents the distance from the center of the right lane of southbound Waukegan Road. This is where the car of interest turned during the second image series at 7:55 am. The width of the field of view is approximately 145 feet.

The distance of **Arc D** to the camera is approximately 108 feet and represents the middle of the left turn lane of northbound Waukegan Road where the car of interest was travelling during the image series at 7:04 am. The width of the field of view is approximately 114 feet.

The width of the field of view at each arc is important. The horizontal image resolution of the security camera at 320 pixels, limit the size of objects recorded at a given distance. The image itself is a two-dimensional representation of a three-dimensional world. At distance the size of an object must be larger to be recorded. For example, Chord A's 256-foot width at a 320-pixel resolution represents an object of approximately 0.8 feet ( $256 \div 320 = 0.8$ ) or 9.6 inches ( $0.8 \times 12 = 9.6$ ) in size. Chord B's pixel width is approximately 0.45 feet or 5.7 inches. Chord C's pixel width is approximately 0.42 feet or 5.1 inches. Chord D's pixel width is approximately 0.33 feet or 4 inches.

This limitation becomes a problem when attempting to resolve objects smaller than the pixel width. Those smaller objects may or may not be visible in the image. This can be further complicated if viewing software attempts to "smooth" the image by adding pixels. For forensic purposes, adding pixels to an image is fabricating information that does not actually exist in the original image.<sup>2</sup>

Image resolution and printing or viewing resolution are not necessarily related until you start to use the image resolution as a unit of measurement, as in pixels per inch (PPI). A common print resolution for high quality reproduction of photos is 300 DPI or greater. Viewing resolution is usually measured in dots per inch (DPI). A common computer screen resolution is 72 to 100 DPI. For demonstration purposes, one image from the video will be displayed at varying print resolutions below.



**Image 4 – 300 DPI measuring 1.06" by 0.8"**

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<sup>2</sup> Email communication of July 20, 2018 with Mr. Grant Fredericks, Certified Forensic Video Analyst and Director of Law Enforcement Training for Input Ace





Image 5 – 150 DPI measuring 2.13" by 1.6"



Image 6 – 100 DPI measuring 3.2" by 2.4"



Image 7 – 72 DPI measuring 4.4" by 3.3"

The photographs shown in People's Exhibits (PE) 206 to PE 210 (Images 8 to 12 below) which depict the car in question, show a computer screen with Windows Media Player software displaying images from the Shell video. Windows Media Player has an image smoothing option that may or may not have been

enabled. It is also unknown whether the personnel viewing the images had any forensic video training or were aware of the smoothing option and its effects. It is my understanding that there are no police reports relating to the review of the video and the identification of the rental car that might include detail on whether the option was enabled or not. As previously mentioned, image smoothing alters the actual image by adding pixels to make it more visually pleasing, but the alteration is not accurate.<sup>3</sup> Images 4 to 7 shown above and in the indicated appendices were produced from the Shell video without alteration or modification with the Input Ace program.

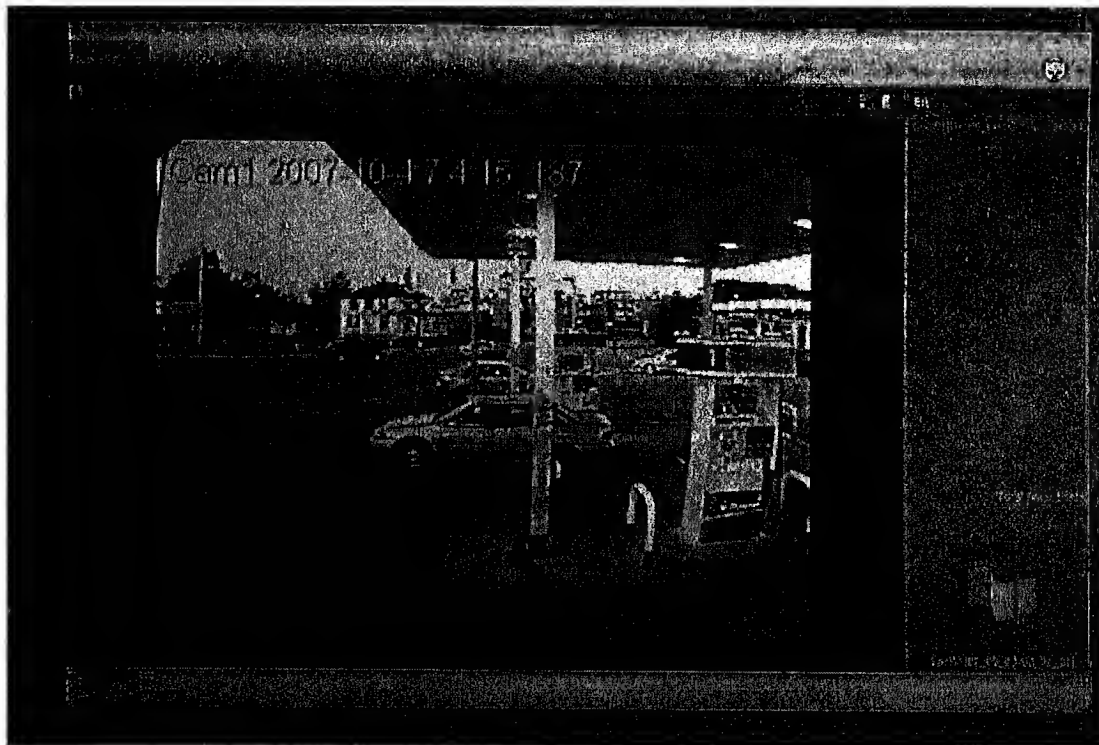


Image 8 – PE 206 / LFA Img\_0473.jpg

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<sup>3</sup> Ibid.

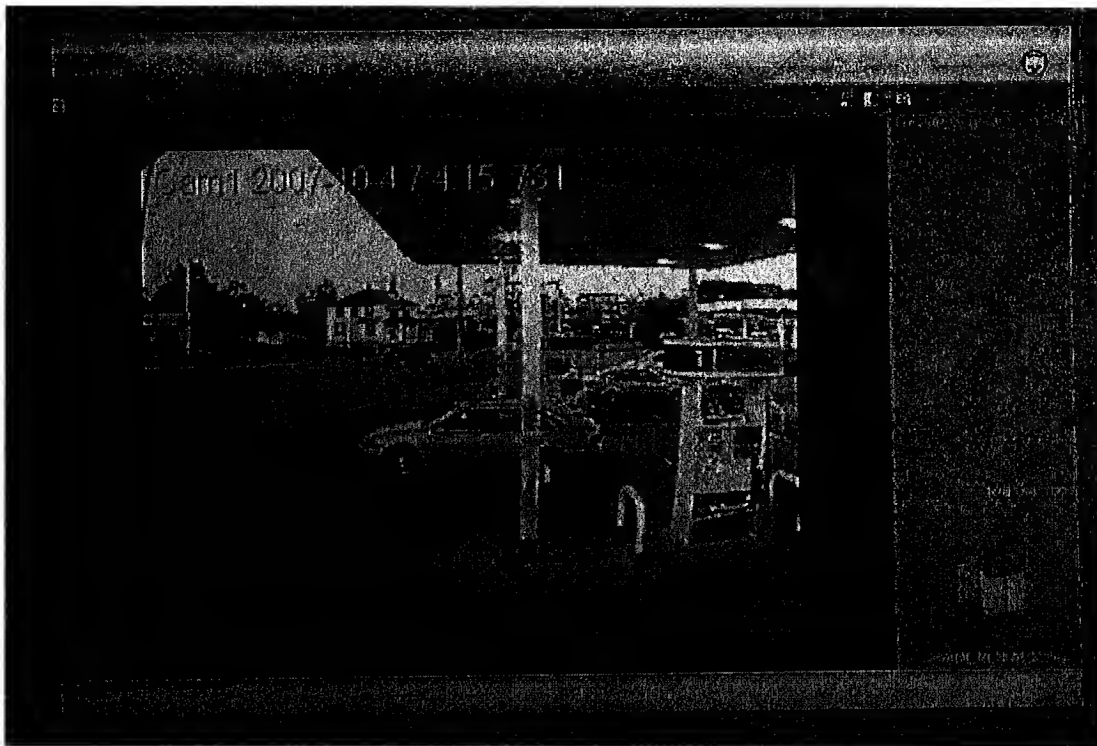


Image 9 – PE 207 / LFA Img\_0475.jpg



Image 10 – PE 208 / LFA Img\_0477.jpg



Image 11 – PE 209 / LFA Img\_0479.jpg

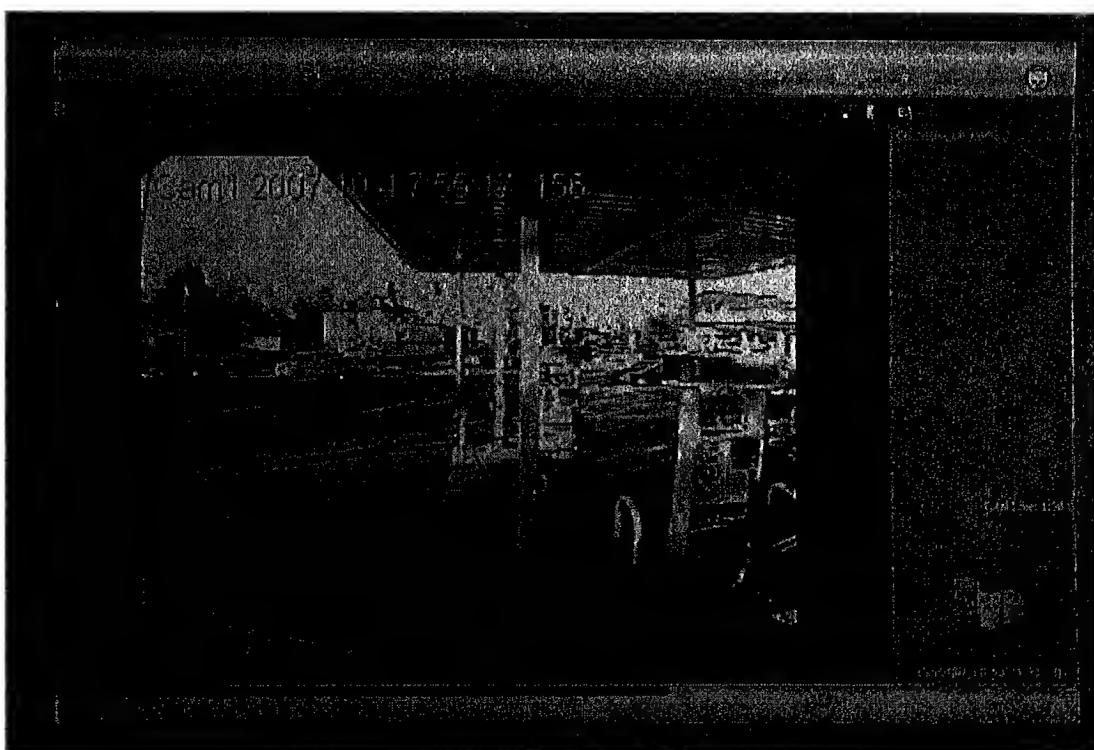


Image 12 – PE 210 / LFA Img\_0481.jpg

The camera resolution of 320x240 pixels contains a total of 76,800 pixels per image. Current camera resolution is often reported in megapixels (MP) or 1,000,000 pixels. This gives the security camera an equivalent resolution of 0.07 MP resolution. For comparison purposes, the primary camera on an Apple iPhone™ 8 is 12 MP or 12,000,000 pixels per image and the secondary camera is 7 MP or 7,000,000 pixels per image. When printing images at 300 DPI, the maximum print size of a 2 MP image is roughly 5 inches by 4 inches.<sup>4</sup> When printing the image at 150 DPI or 10 inches by 8 inches it will start to appear fuzzy. Any lower DPI figure will only increase apparent degradation.

My initial attempt at analyzing this video with Adobe Premiere Pro™ by Adobe Systems resulted in a video clip with a smoothed resolution of 640x480. I used images from that video clip to crop out and magnify the black car travelling north on Waukegan Road and turning onto Osterman Avenue. Two images are shown in Image 13 and 14 below with the remainder of the set included in Appendix F. Note that the hubcaps are still distorted, the tires cannot be differentiated from the body of the car, there is no clear delineation on the number of doors, and the slope of the front windshield is quite pixelated. Smoothing has not added any identification detail.



Image 13 – Black Car Arriving\_#00036 (2).png

<sup>4</sup> <https://design215.com/toolbox/megapixels.php> accessed on July 16, 2018



Image 14 – Black Car Arriving\_#00036 (2) crop.png

In terms of video resolution, common terms of 1080P and 720P refer to 1,080 and 720 lines of vertical resolution. The horizontal resolution with 1080P is 1,920 lines wide and with 720P is 1,280 lines wide. The horizontal to vertical relationship is referred to as aspect ratio. For 1080P and 720P the aspect ratio is 16:9 or 1.777:1. The aspect ratio of the Shell video is 4:3 or 1.333:1.

The frame images extracted from the Shell video maintain their original detail and lose apparent structure because no modification or smoothing is being performed. Detail lost due to pixel size limitations cannot be recovered. Mr. Fredericks indicated that depending on the actual recording method used there is a potential for a  $\pm 4$ -pixel margin of error. That margin of error can mean problems of visual accuracy of up to four times the actual pixel width at a given field of view distance.

#### Trial Testimony & Chain of Custody:

The trial testimony of Det. Mazariegos is the **only** information available to me regarding the authenticity of the video. On its face, the video does appear to reflect traffic in and around the Shell gas station at 655 Waukegan Road and the intersection of Waukegan Road and Osterman Avenue on the morning of October 4, 2007.

The trial record does not agree with the evidence package LFA photographed on March 22, 2018 (See Image 15 below). The trial record contains a stipulation that Mike Hoff, the keeper of records at the gas station turned the video discs over to Robert Ogden of the LCMCTF at about 9:00 pm on October 4, 2007. The LFA photograph below reveals a handwritten notation: *"10-4-07 9:00 pm received from Cmdr. Gonzalez at Deerfield PD (2) "TDK" brand compact disc (CD-R) Deerfield Shell video surveillance from 7 am – 830 am on 10-4-07."* The LFA photos then show a red and a blue compact disc in like colored plastic cases along with a plain CD in a white paper envelope. All three discs bear handwritten notations with the plain disc also reading "(COPY)". It is unknown who made the "copy" disc. While the disc contents and

files are identical as indicated above, the actual chain of custody for the evidence is called into question. The note on the envelope and the evidence label clearly indicates that two (2) TDK brand discs were received but three (3) were in the evidence package. The origin of the third disc, likely the white "COPY", is both unknown and unexplained.

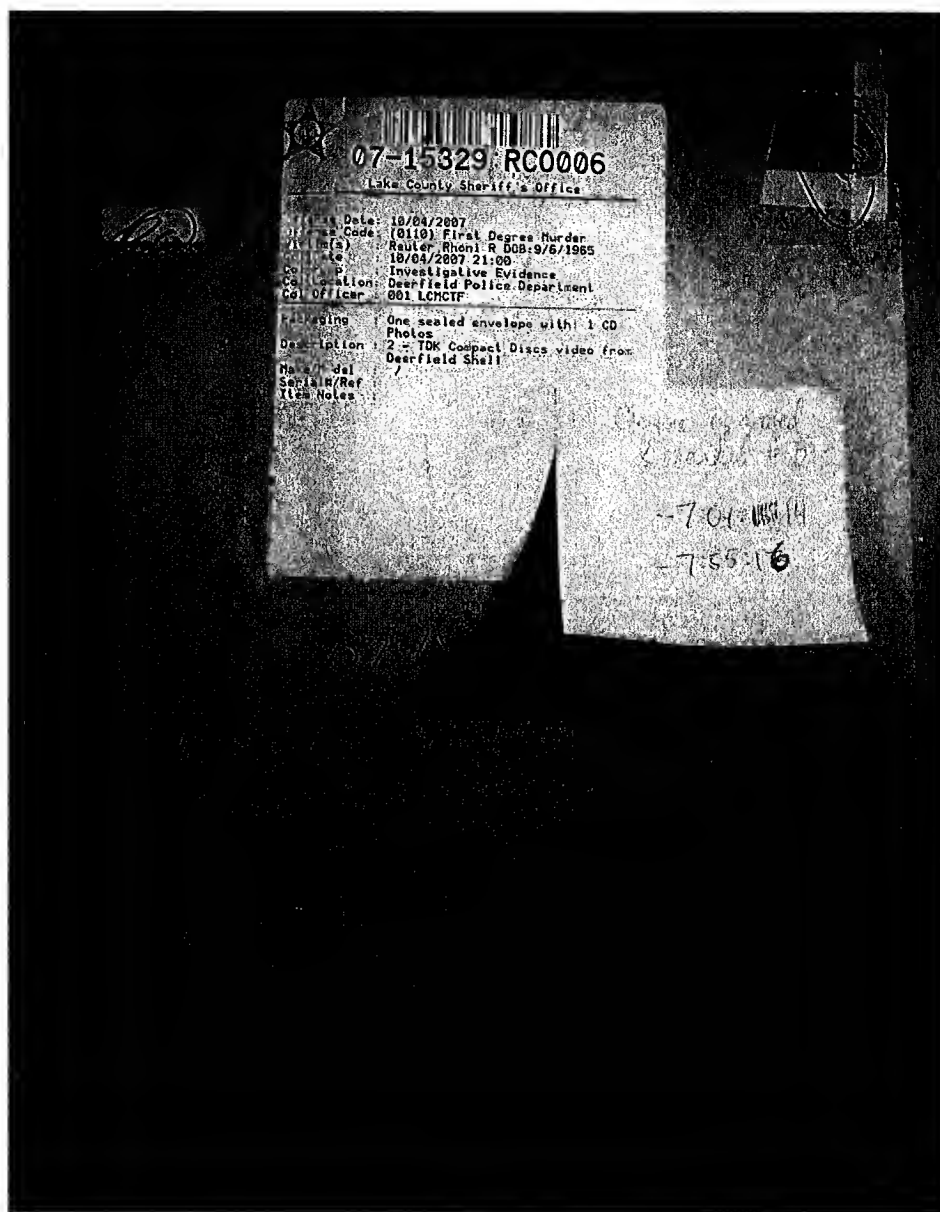


Image 15 – LFA IMG\_0610.JPG / PE #6

The police reports do not indicate how the videos were actually collected, i.e., whether a computer with or without specialized hardware was connected to the security video system. The reports also fail to provide any system information to include make, model serial number, camera information, or native video format. While .avi is a commonly known video format, security video systems commonly do not natively use that format. For the DVD's to contain .avi videos, the original video format would have to have been converted to .avi. There is no information in any report as to how that conversion was made.

On page 171 of Det. Mazariegos' testimony, he says that he watched the video between fifty and one hundred times. Since the entire video is some ninety minutes long, taken at face value, this would mean that he spent between seventy-five (75) and one hundred fifty (150) hours, or between two weeks and one month of total working time watching this video. This claim could be verified by examining any daily activity reports that Det. Mazariegos completed during the Reuter investigation.<sup>5</sup>

Det. Mazariegos stated that he captured the video of the car but does not explain how he accomplished that task. PE 206-210 are simple photographs of a computer screen. There is no testimony as to his training, qualifications, experience, and certification(s) in forensic video analysis. Photographing a computer screen image creates a second-generation version that not only may contain the flaws of the original image but may contain artifacts introduced by Windows Media Player, the computer screen itself, the camera/lens combination and, if used, the film.

On page 192, Det. Mazariegos implies that it was harder to capture the second view of the black car because of "the speed of the vehicle." This statement is disingenuous at best and belies the facts of the video. At 7:55 am, there were cars and a truck in the left lane of Osterman Avenue waiting to turn. The black car in question was making a right turn and only became visible once it passed the screening vehicles. This reduced the time the car was visible to just a few frames. Visibility in a few frames does not equate to speed. There is no evidence that any attempt was made to determine the actual speed of the vehicle based on the video, so the statement to imply excess speed is biased and calculated to infer bad intent where none can be immediately determined.

On page 193-4, Det. Mazariegos relates that the black car at 7:04 and 7:55 was the only black car that fit the description of a 2008 Volkswagen Rabbit, that he compared the taillights to the images of the actual rental car as close as possible and then identifies the black car as the rental vehicle. As previously shown, the video does not have sufficient detail to determine the actual number of doors, the tires blend in with the car itself and the hubcaps are visually distorted. If one were to accept that the video was able to show identifying detail, the taillights of the questioned vehicle appear to be white and not red like the actual rental car. The large VW emblem on the rear of the rental car is not visible yet the license plate area is visible. See Images 16 & 17 below.

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<sup>5</sup> Daily activity reports are a commonly accepted method of documenting a police officer's time, work and productivity.





Image 16 – "7.4.13\_Frames\_00010 (1).BMP" Cropped



Image 17 – PE 247 / LFA IMG\_0298.JPG

When Det. Mazariegos further stated that this was the only black vehicle that fit the description of a 2008 Volkswagen Rabbit, he omitted that there were at least twenty (20) other small black cars that went through the intersection in both directions during the video.

#### Video Time Validity:

As previously noted, the video shows a police vehicle driving west across Waukegan Road from Longfellow to Osterman at approximately 08:15:16. At approximately 08:23:05 and 08:23:11, an ambulance and fire engine turn from northbound Waukegan Road to westbound Osterman Avenue. The presumption that

On July 31, 2018, I traveled to 655 Waukegan Road, Deerfield. I found that my estimate of the location of the security video camera under the southwest eave of the Shell station. I verified several of the Google Earth measurements by the use of a Laser Technology Ultralyte™ laser while standing under the video camera. General photographs of the location and surroundings and are included in Appendix G and on the project DVD.

#### Section 6: Conclusions

Based on the following, the use of the Shell station video to identify the black car at two different times as the 2008 Volkswagen Rabbit rented by Marni Yang is not possible.

1. The 320x240 resolution of the Shell gas station video renders it useless in making any identification of the Yang rental vehicle as actually driving through the intersection.
2. The poor video resolution is compounded by the distance the questioned vehicles are from the camera. The area covered by each pixel as distance increases results in the loss of fine detail.
3. The images captured of the black car are visually distorted and do not contain sufficient detail that could allow an actual identification. The tires blend into image of the car, the hubcaps are not round, and the actual number of doors cannot be determined.
4. Visual details of the Yang rental car do not correspond to the images captured where taillights would be expected to be red and the VW emblem on the back of the car is not visible.
5. The area of 655 Waukegan Road is substantially the same today as it was in 2007. Therefore, the images from Google Earth are both relevant and reasonably accurate.
6. At the collection of the security video, the actual date and time along with the video system displayed date and time were not recorded so there is no correlation between the displayed time and the actual time for any event captured by the system.
7. Based on the Deerfield Fire Department response captured on the video, it is estimated that there is an error between the actual time of events and the displayed time on the video of approximately nine-minutes. Based on this error, the video images display conditions in the intersection at 06:55 and 07:46 AM, a full eighteen (18) minutes before the police were called.
8. The chain of custody of the video is open to question based on the trial record and the evidence packaging compounded by the lack of police reports.
9. The police function in an investigation is to be seekers of the truth in any given event and facts should speak for themselves. Detective Mazariegos testified that the second view of the identified

vehicle was difficult to capture due to the speed of the vehicle. In fact, there is no evidence to support that the identified vehicle was speeding or that any attempt was made to determine the actual speed of the vehicle. The fact is that view of the identified vehicle was obstructed by other traffic and the vehicle was only visible for a few frames. The short period of time the vehicle was visible does not support or imply any indication of excess speed. To imply excess speed may indicate bias by Detective Mazariegos.

10. There is no foundation in the trial record as to the training, qualifications and experience of Detective Mazariegos to conduct forensic video analysis.

This report may be subject to revision should additional information or evidence become available.

Respectfully submitted,



Arthur H. Borchers

Attachments:

- Appendix A – Arthur Borchers Curriculum Vitae
- Appendix B – Extracted BMP video images on DVD
- Appendix C – Google Earth Pro images with measurements
- Appendix D – CAD drawing of camera field of view and measurements (PDF on DVD)
- Appendix E – Evidence photos of the Yang rental car
- Appendix F – Smoothed Adobe Premiere 640x480 series with cropped car (PDF on DVD)
- Appendix G – Larsen Forensics & Associates Images of Shell Station on July 31, 2018

Section 7: Appendices

Appendix A: Curriculum Vitae

**Arthur H. Borchers, ACTAR**

Wreck Technology, Inc. / Larsen Forensics & Associates, Inc.  
Traffic Crash Reconstruction / Crime Scene Forensics & Reconstruction

**Professional Profile:**

Mr. Borchers provides expert technical consulting services based on over thirty-two years of law enforcement, firearms, ballistics, crime scene forensics, investigative and traffic crash reconstruction experience. Mr. Borchers has displayed his training and knowledge in presenting thorough and professional training programs. Mr. Borchers is experienced in photogrammetry analysis and was the Oak Park Police Department's first Illinois and nationally certified Crash Reconstructionist and is the recipient of seventeen Department Citations and numerous letters of appreciation in recognition of professional skill and dedication from the Chief of Police, citizens and outside agencies. As an expert witness, he has testified in criminal and civil courts and been involved in numerous depositions.

**Areas of Expertise:**

*Specific experience includes:*

- Vehicle Crash Reconstruction
- Shooting Incident and Ballistic Reconstruction
- Firearm Safety & Use of Force Education / Analysis
- Crime Scene Investigation
- Photogrammetry Analysis for Map, Diagram and 3D Model Creation

**Education:**

- Bachelor of Science, Law Enforcement Administration, Western Illinois University
- Associate of Science, Police Science, Triton Community College

**Licenses / Certifications:**

- Basic Pistol Instructor & Range Safety Officer, National Rifle Association
- Registered Firearm Instructor, State of Illinois, Department of Financial and Professional Regulation
- Illinois Concealed Carry Firearms Instructor, Illinois State Police
- Accredited Traffic Accident Reconstructionist, Accreditation Commission for Traffic Accident Reconstruction (ACTAR #336)
- Accident Reconstruction Specialist, Illinois Local Government Police Training Board
- Police Pistol, Shotgun and Rifle Instructor, Illinois Law Enforcement Training and Standards Board

**Work History:**

**Larsen Forensics & Associates, Inc**

Glen Ellyn, Illinois, 2013 to Present

**Forensic Consultant,** Conduct shooting incident and traffic crash reconstructions, examine the complex and confusing human dynamics of force incidents to accurately interpret these encounters, ensure complete investigations, develop accurate representations of controversial and emotional events using modern forensic methods, current biomechanical research, photogrammetric analysis from scene images and then present findings in simple, common terms and testify as needed.

**Wreck Technology, Inc.**

Berwyn, Illinois, 2008 to Present

**Forensic Consultant,** Conduct traffic crash reconstructions using principles of mathematics, physics and biomechanics to determine the true nature of a collision event; conduct complete forensic investigations; analyze scene photographs and develop accurate three-dimensional scene maps and diagrams, and then report findings in comprehensive detail and testify as needed.

**Laser Technology Incorporated,**

Centennial, Colorado, January 2017 to Present

**Midwest Region Law Enforcement Mapping Instructor,** Train new Law Enforcement agency clients on TruePoint 300 and TruePulse hardware and QuickMap 3D and IMS Map 360 software systems for crime and crash scene mapping.

**Suburban Law Enforcement Academy, College of DuPage**

Glen Ellyn, Illinois, January 2017 to Present

**Adjunct Faculty,** Develop, present and assist with various law enforcement continuing education classes offered by the Academy including but not limited to Ballistic Trajectory Reconstruction.

**Oak Park Police Department**

Oak Park, Illinois, 1982 to 2013

**Acting Watch Commander / Sergeant, Patrol Division.** Direct supervisor for daily shift of nine to seventeen patrol officers and sergeants. Prepared daily and monthly work schedules for proper staffing levels; prepared shift Operational Plans to address continuing and emerging crime patterns; monitored officer daily activity and productivity reports; approved arrest reports to ensure probable cause and appropriate charge application; investigated officer involved traffic crashes and uses of force for policy conformance; recommended awards and discipline for officer actions; and responded to major events taking incident command while making appropriate administrative notifications to superior officers.

**Sergeant, Investigations Division.** Direct supervisor for five detectives, three tactical officers and Department Evidence Custodian. Maintained sex offender registration records. In major crime incidents, responded to and relieved the Watch Commander, taking overall control of the

scene, coordinated evidence processing and investigation of the incident. Reviewed latent fingerprint evidence from crime scenes, submitted suitable latent images to the FBI IAFIS system for potential identification utilizing the Universal Latent Workstation system.

**Sergeant, Patrol Division.** Conducted investigations into officer conduct and recommended Department recognition or discipline as appropriate. Monitored officer daily activity; responded to priority incidents ensuring proper and safe delivery of police services. Fielded citizen complaints regarding police service and officer activity; investigated and reported to Department Administration on findings with recommended action. Selected as an original member of the Special Response Team and later served as team Administrative Supervisor and Training Safety Officer.

**Detective, Investigations Division.** Conducted follow-up investigations on crime reports, analyzed and developed evidence to support an arrest as the situation warranted. Appointed as Department Range Master, responsible for the inventory and maintenance of all Department-owned weapons, coordination of all firearms training, firing range maintenance, Range budgeting and supply purchasing. Responsible for two revisions of *"Firearms Task Specific Manual"*; updated and revised Department *"Use of Force"* and *"Deadly Force"* Policies. Presented annual in-service training on use of force in both classroom and scenario-based formats. Certified armorer for AR-15/M-16 rifles, Sig-Sauer and Glock pistols. Initiated computer technology improvement for the Investigations Division moving investigative report writing from mainframe to desktop computers. As senior detective acted as nominal unit supervisor as needed. Conducted review of new crime reports, assigned critical reports for immediate follow-up investigation and coordinated unit activities with Patrol Division Watch Commander as needed.

**Evidence Technician, Investigations and Patrol Divisions.** Wrote Department General Order "Crime Scene Responsibilities." Investigated and photographed serious personal injury traffic crashes, conducted technical follow-up investigations and mathematical traffic crash reconstruction and analysis. Department's first Illinois and nationally certified Traffic Crash Reconstructionist. Processed crime scenes for physical evidence, photographed, recovered and inventoried evidence for later court presentation. Acknowledged as an expert witness in Cook County criminal court as both an Evidence Technician and Crash Investigator. As a Detective, was responsible for the coordination of evidence processing services at major incident crime scenes. Prepared yearly budgets and purchased all Evidence Technician Unit supplies.

**Police Officer, Patrol and Investigations Divisions.** Illinois Law Enforcement Training and Standards Board certified instructor for Firearms (Pistol, Rifle and Shotgun), Firearm Training Simulator (FATS III), Evidence and Crime Scene Processing, Traffic Crash Investigation, Crime Scene Drawing and Report Writing. Served for two years on the Illinois Law Enforcement Training and Standards Board Crash Reconstruction Advisory Committee assisting in reviewing the reconstruction certification test. Member of the department Instructor Group serving as needed.

**Triton College Police Department**

River Grove, Illinois, 1980 to 1982

**Police Officer**, Primary response unit for police and security services on a community college campus with a population of over 23,000 students. Responsible for training, supervision and scheduling of twelve Cadet Dispatchers and Public Safety Officers.

**Illinois Tactical Academy, LLC**

Oak Brook Terrace, Illinois, 2013 to 2014

**Firearm Instructor**, Developed and conduct Illinois State Police and NRA approved concealed carry licensing and firearms training. Monitored and updated curriculum for conformance with relevant changes in Illinois law and procedures. Wrote an original Illinois Concealed Carry License student manual covering the legal precedent applicable to civilian use of force in defense of the person, defense of the home and defense of property in the State of Illinois, the constitutional issues, the restrictions and regulations of the CCL and FOID laws, as well as firearm storage requirements.

**Continuing Education / Additional Training:**

Federal Bureau of Investigation

- Instructor Development (40 hours)
- Firearm Instructor (40 hours)
- Basic SWAT Officer (40 hours)
- Surveillance Techniques (8 hours)
- Semi-Automatic Firearm Transition (16 hours)

Illinois State Police / Illinois Department of Public Health

- Horizontal Gaze Nystagmus & Field Sobriety Testing (24 hours)
- Breath Alcohol Operator (40 hours)

Northwestern University Traffic Institute / Center for Public Safety

- At-Scene Accident Investigation (80 hours)
- Technical Accident Investigation (80 hours)
- Vehicle Dynamics (40 hours)
- Accident Investigation Photography (40 hours)
- Traffic Accident Reconstruction I (80 hours)
- Traffic Accident Reconstruction II (40 hours)
- 13<sup>th</sup> Vehicular Homicide / DUI Conference (32 hours)
- Microcomputer Assisted Traffic Accident Reconstruction – EDCrash (Engineering Dynamics Corporation Reconstruction of Accident Speeds on the Highway) (40 hours)
- Supervision of Police Personnel (80 hours)
- Advanced Crime Scene Technology (40 hours)
- Blood Stain Evidence Workshop (40 Hours)

University of North Florida Institute of Police Technology & Management

- Special Problems in Traffic Accident Reconstruction – 2013 (40 hours)
- Energy Methods and Damage Analysis for Traffic Crash Reconstruction (40 hours)

Texas A&M University Engineering Extension Service

- Biomechanics for Accident Reconstruction (40 hours)
- Crush Analysis Workshop (16 hours)

University of Illinois Police Training Institute

- Basic Academy Training (240 hours)
- Police Tactical Firearms (40 hours)

North East Multi-Regional Training, Inc.

- Basic Evidence Technician, (80 hours)
- Forensic Entomology: Evidence from Death Scenes (8 hours)
- Firearms Instructor (40 hours)
- Police Carbine/Rifle (24 hours)
- Police Carbine/Rifle Instructor (40 hours)
- Firearms Training System Instructor (FATS III) (32 hours)
- Interviewing & Interrogation (16 hours)
- Death Investigation Seminar (16 hours)
- Basic Homicide/Crime Scene Investigation (8 hours)

Other Professional Training

- *Force Science Analyst Certification Course*, Force Science Institute (40 hours)
- *Shooting Incident Reconstruction*, Bevel, Gardner & Associates (40 hours)
- *Bullet Trajectory Reconstruction*, Suburban Law Enforcement Academy (16 hours)
- *Pistol Armorer*, Sig Arms (8 hours)
- *Pistol Armorer*, Glock (8 hours)
- *AR-15 Armorer*, Armalite (8 hours)
- *Law Enforcement Training Camp*, Action Target, Provo, Utah (64 hours over two years)
- *Range Master Course*, Action Target (40 hours)
- *Mid-Range Rifle*, Thunder Ranch, Lakeview, Oregon, (24 hours)
- *Urban Precision Rifle*, Thunder Ranch, Lakeview, Oregon (24 hours)
- *-iNPUT-ACE Video Analysis Course*, -iNPUT-ACE, (16 hours)
- *SAGE Less-Lethal Instructor & Armorer Program*, SAGE International, Inc. (24 hours)
- *Simunition® Supervisor Safety and Training Course*, Simunition (24 hours)
- *Interviewing & Interrogation*, John Reid & Associates (24 hours)
- *International Law Enforcement Educators and Trainers Association Annual Conference*, (64 hours over two years)
- *Illinois Association of Technical Accident Investigators Annual Conference*, 1993 to present; 2005, 2007, 2012 & 2017 omitted



- *International Association of Crime Scene Investigators Annual Conference*, 2014, 2016, 2017 (Presenter) & 2018
- *Quickmap / Introduction to AutoSketch*, Laser Technology, Inc. (8 hours)
- *Laser Mapping & CAD Zone*, Laser Technology, Inc. (16 hours)
- *Acceleration & VC-2000*, Vericom Computers (8 hours)
- *Crash Data Retrieval – Operator Course*, Collision Safety Institute / Vetronix, Inc. (32 hours)

**Professional Affiliations:**

Member, Past Secretary and Past President, Illinois Association of Technical Accident Investigators  
Member, National Association of Professional Accident Reconstruction Specialists  
Member, International Association of Identification  
Member, Illinois Division International Association of Identification  
Member, International Crime Scene Investigators Association  
Member, Association for Crime Scene Reconstruction  
Member, International Law Enforcement Educators and Trainers Association  
Member, International Association of Law Enforcement Firearm Instructors  
Member, Past Secretary and Past Treasurer, Fraternal Order of Police, Oak Park Lodge #8  
Member and Range Safety Officer, Aurora Sportsman's Club  
Life Member, National Rifle Association

**Publications:**

- Handguns: Range of Fire and Gunpowder Stippling, *Evidence Technology Magazine*, Volume 11, Number 1, January-February 2013 with John Louis Larsen
- Universal Latent Workstation Goes to Work for Local Agencies, *Evidence Technology Magazine*, Volume 11, Number 3, May-June 2013
- Illinois Concealed Carry Licensing: Day 2® (8 hours), November 1, 2014
- HDR for Crime Scene Photography, *Evidence Technology Magazine*, Volume 15, Number 4, Winter 2017 with Sanford Weiss

**Presentations:**

- Suburban Law Enforcement Academy, *Bullet Trajectory Reconstruction* (with John Louis Larsen), April 2015, November 2016 & April 2016
- International Crime Scene Investigators Association Conference, *Photogrammetry*, June 2017
- Illinois Association of Property and Evidence Managers: *Basic Photogrammetry*, April 2015; *FBI 12 Step Protocol / Mock Shooting Scene*, April 2016; *Forensic Use of Photoshop*, April 2018
- Cook County State's Attorney's Office Seminar Series, *Crime Scene Update*
- Oak Park Police Department Annual In-Service Training
  - *Police Report Writing* (14 hours)
  - *IWIN / CABS Live-Scan Training* (14 hours)
  - *Rapid Deployment – Active Shooter Training* (56 hours)
  - *"Deadly Action: In Your Face" Police Close Quarter Shooting Skills* (56 hours)
  - *"Police Force" Deadly Force Scenario & Use of Force Report Writing* (56 hours)
- Oak Park Citizen's Police Academy

- *Crash Investigation & Crime Scene Processing* (12 hours over three years)
- Oak Park Police Department Evidence Technician In-Service
  - *Crash & Crime Scene Measuring & Mapping – Introduction to CrashZone* (16 hours)

**Other:**

*Trial & Deposition Experience*

- Illinois v. Edgar Torres, Circuit Court of Cook County, 4<sup>th</sup> Municipal District, Maywood, Illinois, 02CR21926-01, June 8, 2004 for the State (Crash Reconstruction)
- Illinois v. Rodney Adkins, Circuit Court of Cook County, 4<sup>th</sup> Municipal District, Maywood, Illinois, 03CR22832-01, 2007 for the State (Crime Scene Investigation)
- Medmarc Casualty Insurance Company v. Kurt Thoemke, et al. Circuit Court of Cook County, Chancery Division, Chicago, Illinois, 04CH06729 for the Plaintiff (Crash Reconstruction)
- Jennifer Twinn v. Village of Oak Park & Michael Mangaser, Circuit Court of Cook County, Law Division, 04L10399, for the Oak Park Police Department (Crash Reconstruction)
- Maurice Edmonds v. Bobby Catchings, Bernard K. Robinzine, Jerome Haywood & Renzenberger, Inc., Circuit Court of Cook County, Law Division, 05L06195, May 13, 2008, for the Plaintiff (Crash Reconstruction)
- Michael Victor v. Kay Hartman, Circuit Court of Cook County, Law Division, 09L03630, January 13, 2010, for the Oak Park Police Department (Crash Reconstruction)
- Chicago Police Board v. Off. Danny Salgado, 16PB2916, May 4, 2017, for the Defense (Shooting Reconstruction)

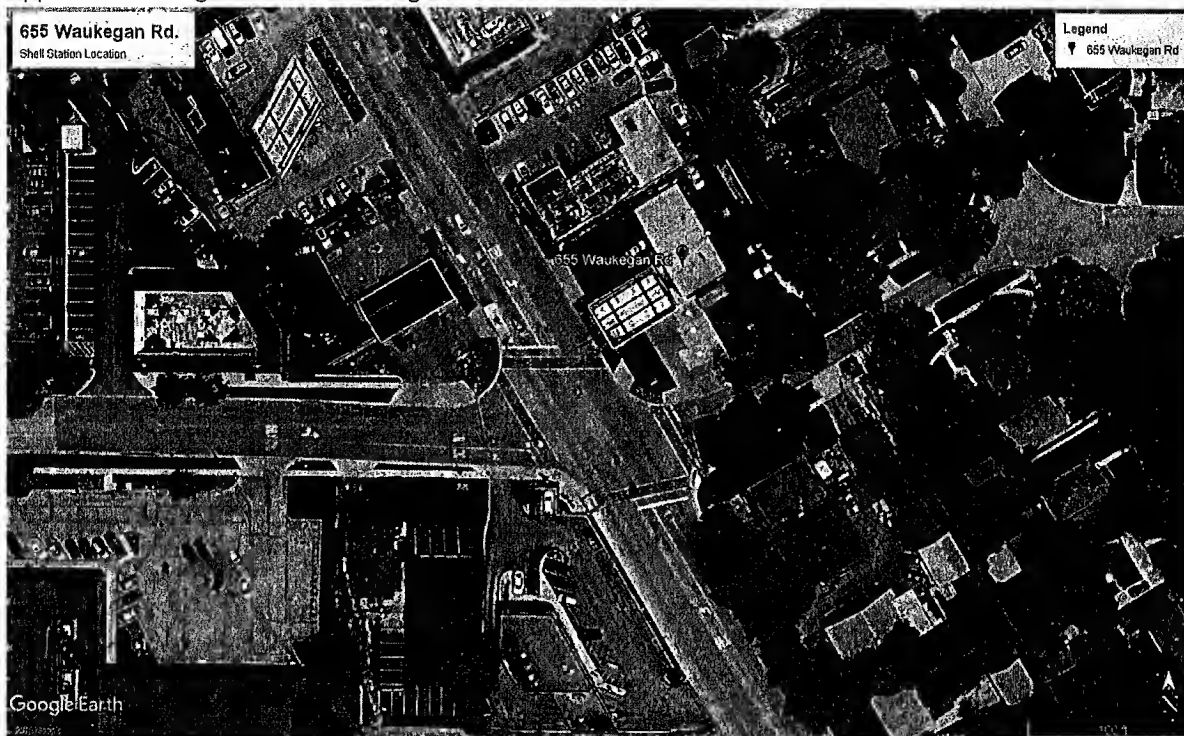
**Honors and Awards:**

Mr. Borchers has received seventeen Oak Park Police Department Citations and numerous letters of appreciation in recognition of professional skill and dedication from the Chief of Police, citizens and outside agencies.

Appendix B: Extracted .BMP and .TIF images on attached DVD

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Appendix C: Google Earth Pro™ Images with Measurements



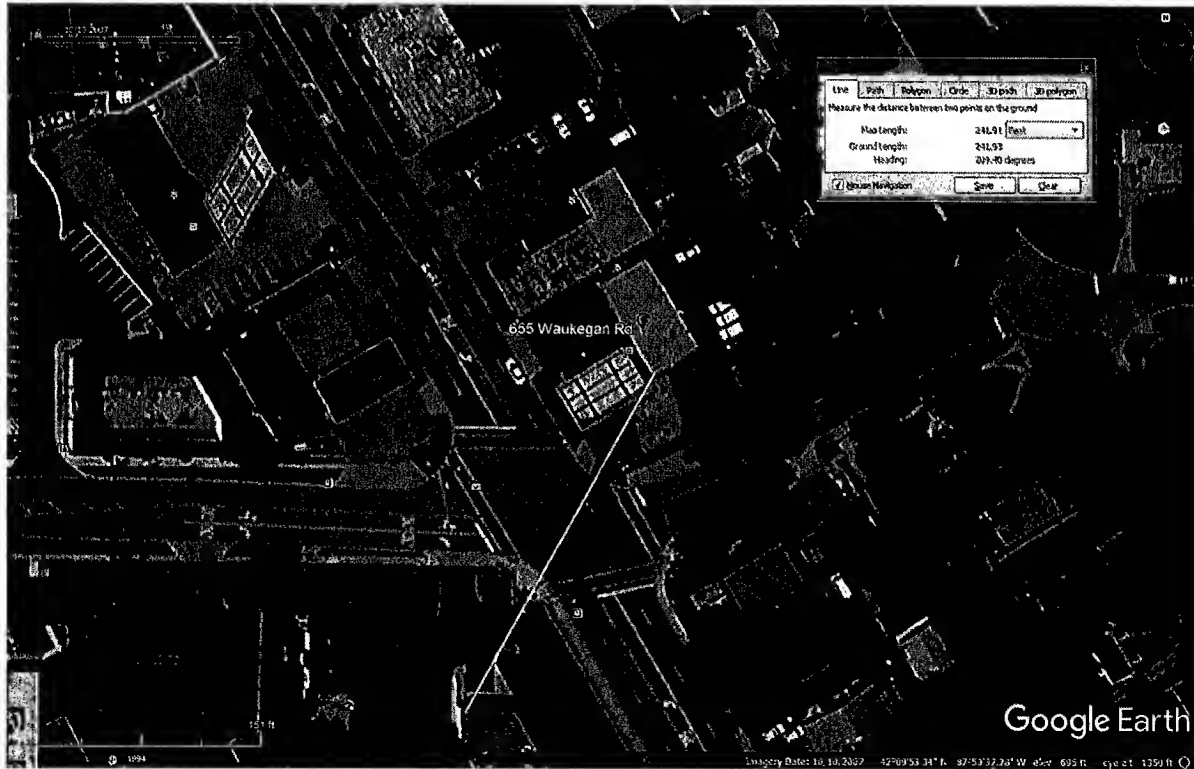
Current Google Earth Pro™ image of Waukegan Rd. & Osterman Ave., Deerfield, IL



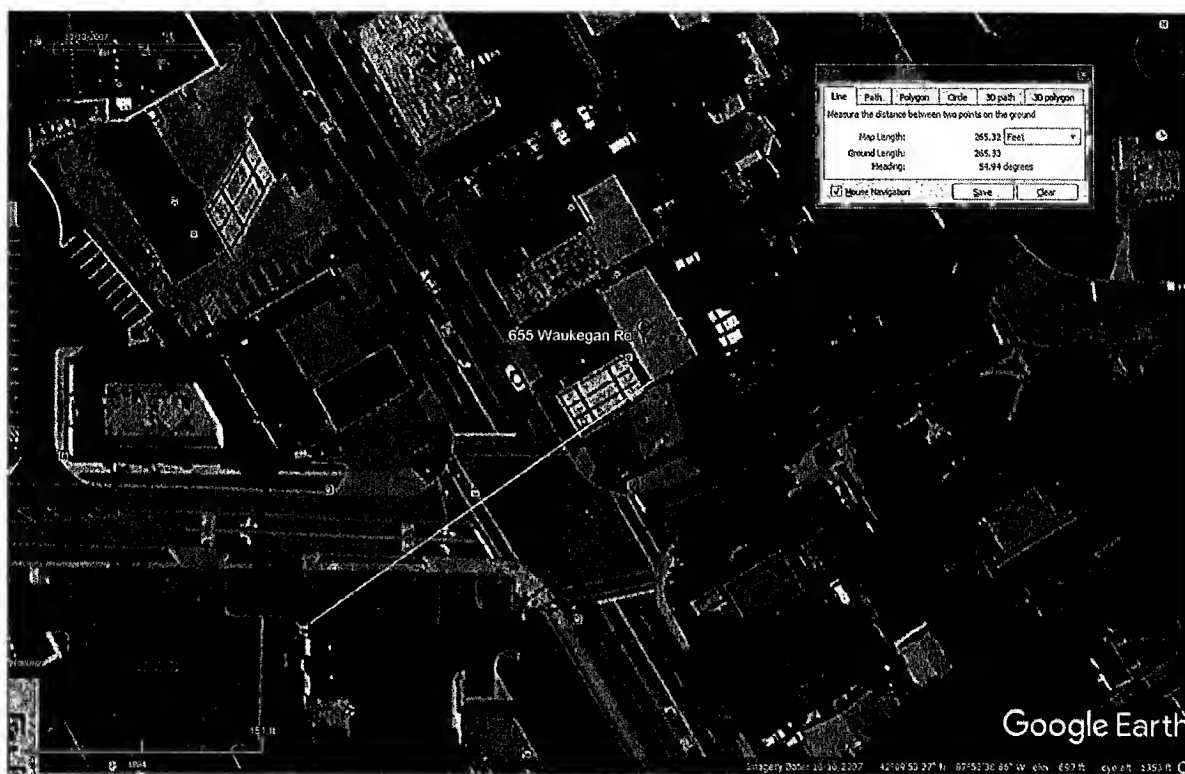
Google Earth Pro™ image of Waukegan Rd. & Osterman Ave. captured on October 10, 2007



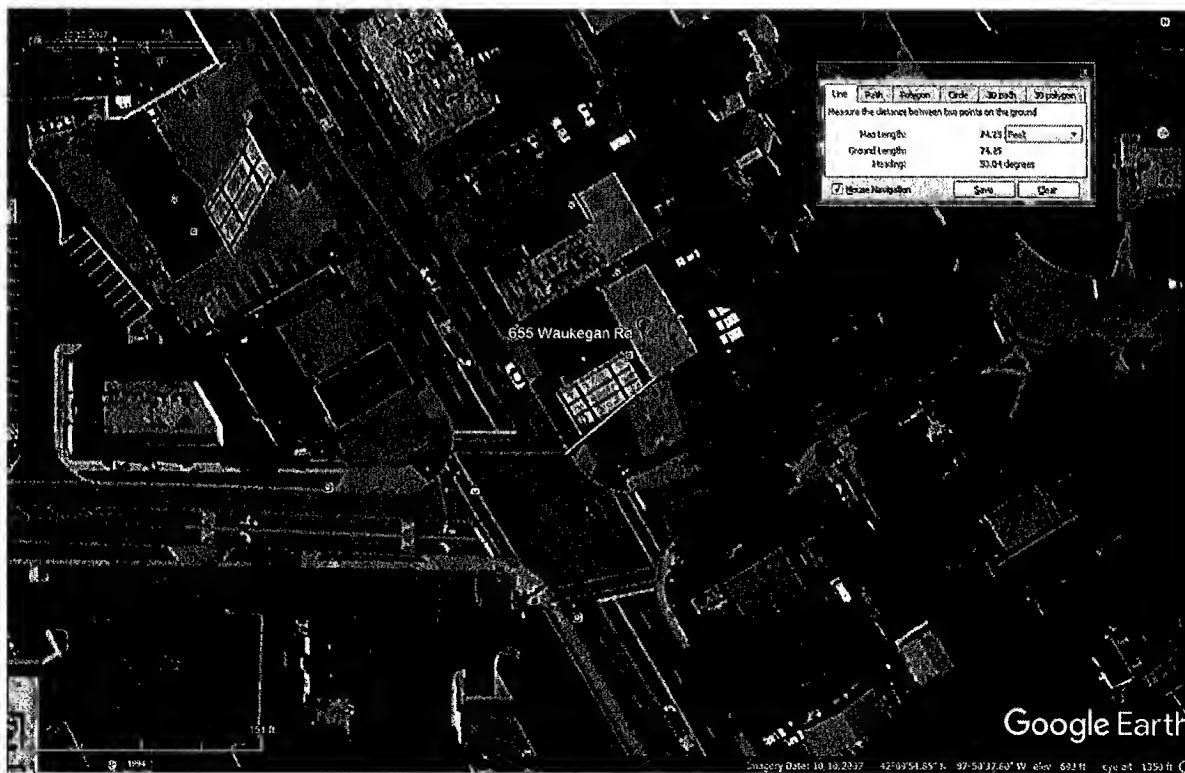
Approximate distance from camera to S/W corner curb = 143.3 feet



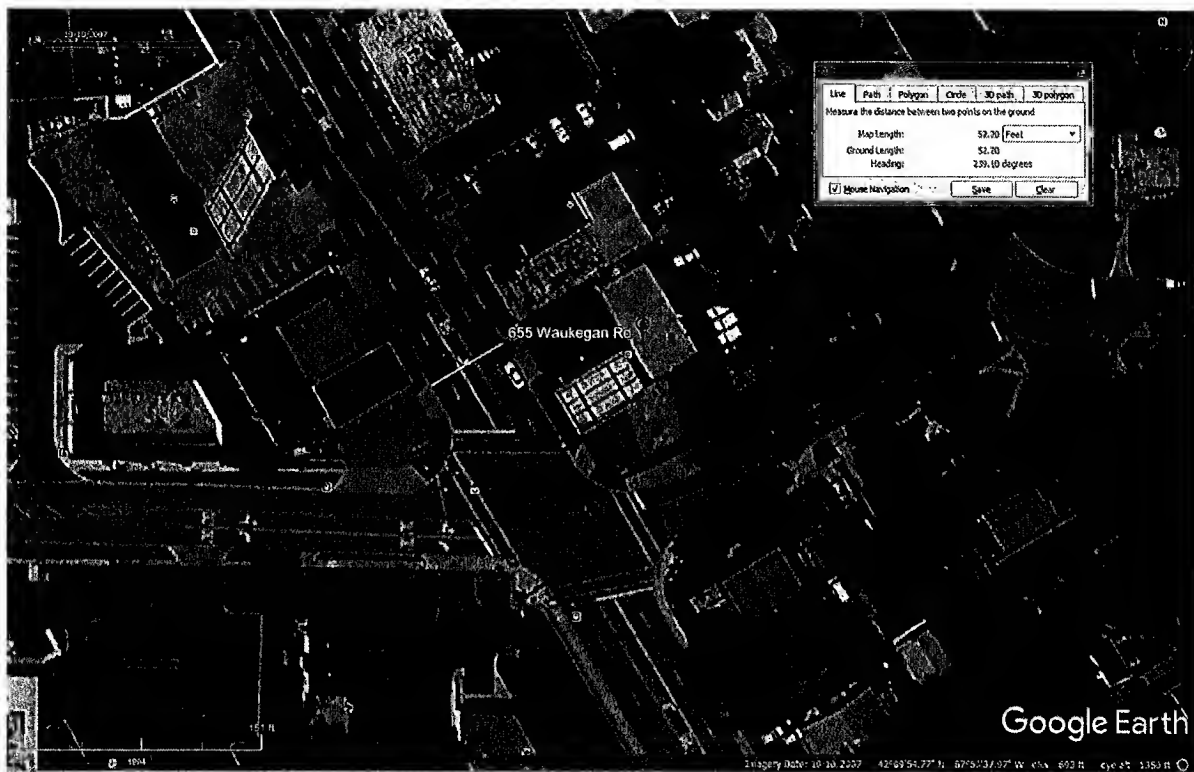
Approximate distance from camera to corner of white building = 241.91 feet



Approximate distance from camera to left edge of white house = 265.32 feet



Approximate distance from camera to crosswalk line = 74.25 feet



Approximate width of Waukegan Rd. = 52.2 feet



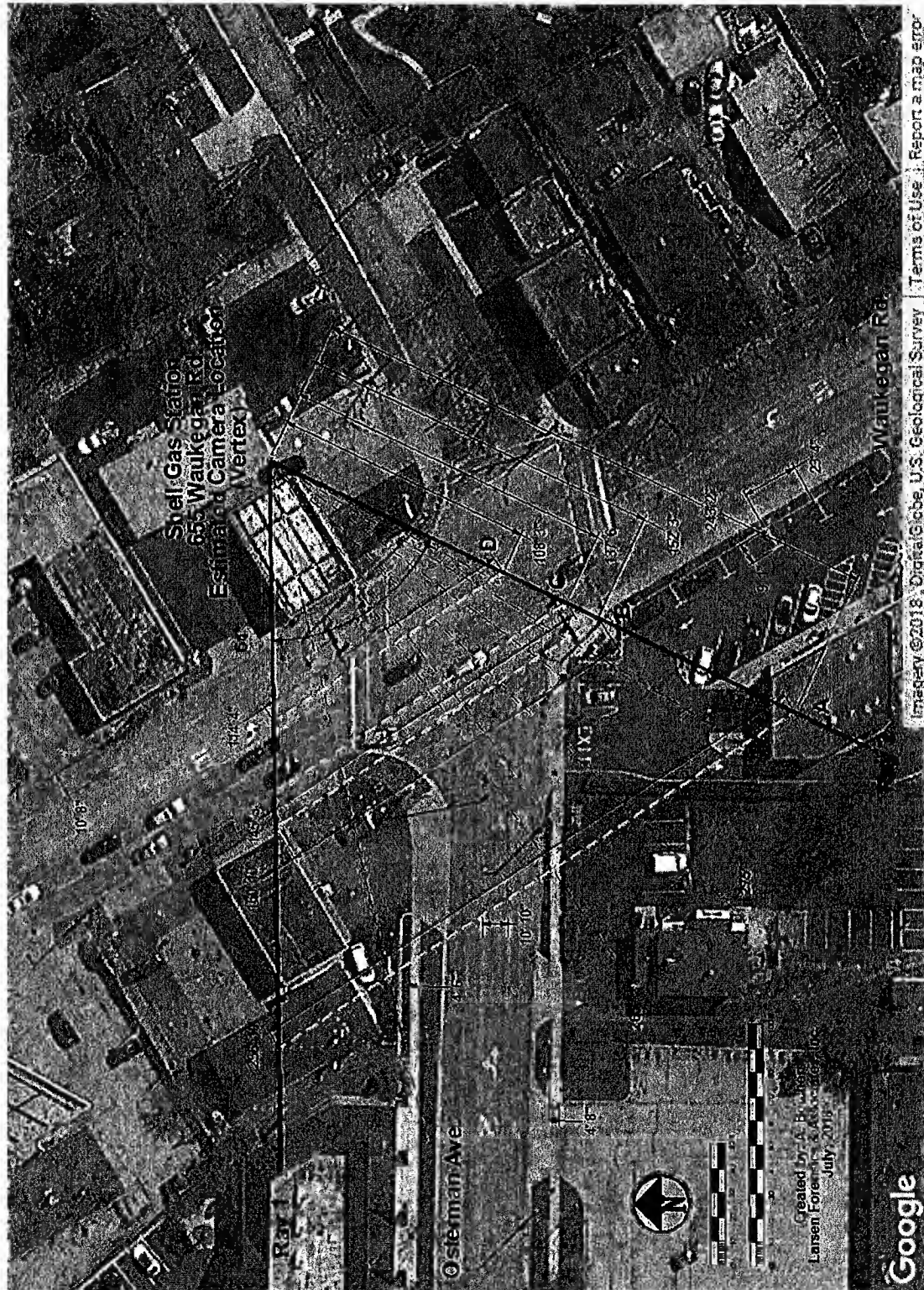
Approximate width of S/B Waukegan Rd. left turn lane = 11.1 feet



Approximate width of Osterman Ave. left turn lane = 10.89 feet

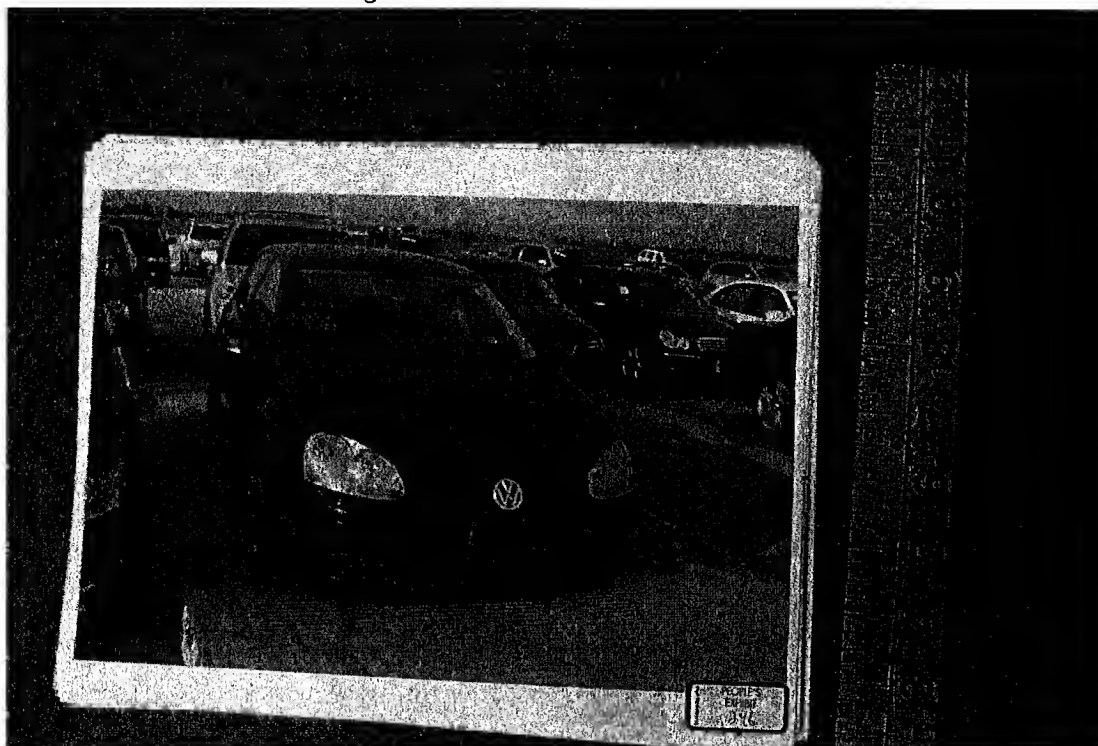


#### Appendix D: CAD drawing of camera field of view and measurements



Not to Scale Version

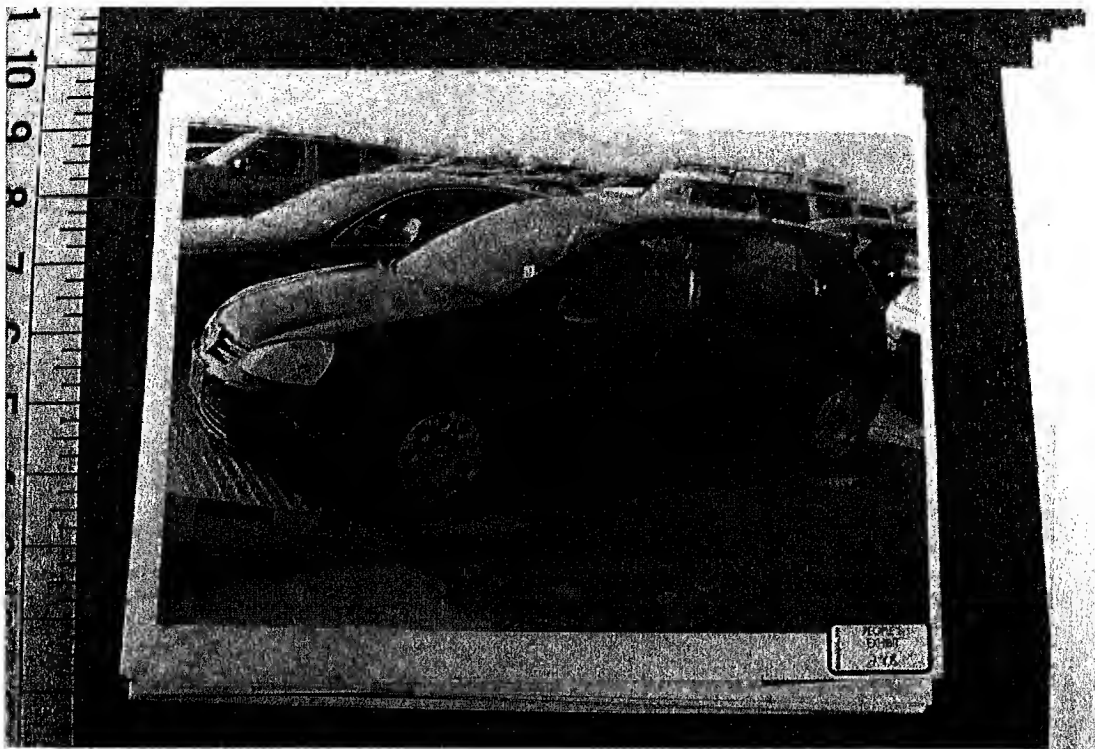
Appendix E: Evidence Photos of Yang Rental Car



PE 246 / LFA – IMG\_0297.JPG



PE 247 / LFA – IMG\_0298.JPG



PE 248 / LFA – IMG\_0299.JPG



PE 249 / LFA – IMG\_0300.JPG



PE 250 / LFA – IMG\_0301.JPG

Appendix F: Smoothed Adobe Premiere 640x480 series with cropped and isolated car

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Images on Data DVD

Appendix G: Larsen Forensics & Associates Images of Shell Station on July 31, 2018



## PRIMEAU FORENSICS

IDENTIFY - CLARIFY - TESTIFY

1703 Star Batt Drive

Rochester Hills MI, 48309

[www.primeauforensics.com](http://www.primeauforensics.com)

(800)-647-4281

## CONTENTS

Introduction.....	4
Qualifications.....	4
Summary.....	5
Objective.....	5
Materials Recieved .....	5
Software/Equipment .....	6
Preliminary Investigation.....	6
Video Review .....	6
Photographic Image Comparison .....	7
Methodology .....	7
On Site Exemplar Creation 1.....	8
Observations.....	11
Conclusion .....	13
On Site Exemplar Creation 2.....	14
Methodology .....	14
Evidence Digitization & Extraction.....	16
Forensic Video Clarification .....	18
Methodology .....	18
Clarification Process .....	18
Photographic Image Comparison .....	19
Methodology .....	19
Vehicle Identification.....	20
Image Comparison.....	24
Comparison 1.....	24
Comparison 2.....	25
Conclusion .....	26



Opinions.....	26
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24 April 2019

Jed Stone

415 Washington St #107

Waukegan, IL 60085

Re: People VS Yang

## INTRODUCTION

Dear Mr. Stone,

I am an audio and video forensic expert and have been practicing for over 7 years. I have expert witness testimony experience in courts at state level. I have also performed several successful investigations on various International cases. My forensic practices for audio investigation include digital and analogue audio authentication and clarification. As a video forensic expert, my practices include video authentication, clarification and analysis. As an image forensic expert, my practices include image clarification, image authentication and image comparison.

My forensic rate is \$375.00 per hour. I have been compensated \$14,663.20 for my forensic investigation services at this time.

## QUALIFICATIONS

- 2013: I received forensic training in Forensic Video Analysis through the LEVA (Law Enforcement and Emergency Services Video Association) Level 2 training course.
- 2014: I received forensic training in Forensic Image Authentication from the University of Colorado Denver Center for Media Forensics.
- 2015: I received forensic training in Forensic Audio Authentication & Audio Enhancement from the University of Colorado Denver Center for Media Forensics.
- 2016: I received forensic training in Photographic Video Comparison through the LEVA (Law Enforcement and Emergency Services Video Association) Level 3 training course.
- 2018: I obtained an Undergraduate degree of Bachelor of Science in Audio Engineering Technology from Lawrence Technological University in Southfield, Michigan.
- 2018: I received forensic training in Forensic Video Analysis through the LEVA (Law Enforcement and Emergency Services Video Association) Level 1 training course.
- 2018: I received the Forensic Video Technician certification status through LEVA (Law Enforcement and Emergency Services Video Association).

## SUMMARY

### OBJECTIVE

On or about August 14<sup>th</sup> 2018, you asked that I perform a forensic video enhancement investigation to determine if clarification of the video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi" was possible. It was my objective to determine if the clarified video could assist the trier of fact in the identification of a dark colored vehicle. This vehicle appears on screen at time coordinate "7:4:13 921" (HH:MM:SS:FF).

You also asked to perform a photographic video comparison investigation to determine the make, model and year of the vehicle that is displayed in the video evidence recording titled "Cam01[07\_00\_00-08\_30\_01].avi". I informed you that we needed to generate samples to perform an accurate photographic image comparison investigation. This would require recording samples of the vehicle in question at the location in which the video events recorded in the digital video evidence file titled "Cam01[07\_00\_00-08\_30\_01].avi". You informed me that the Shell gas station would be cooperative in our efforts to generate these samples for forensic testing. The proposed location where the known samples were generated was 655 Waukegan Rd, Deerfield, IL 60015.

### MATERIALS RECIEVED

- 475crop.jpg
- 0481 Crop.jpg
- Cam01[07\_00\_00-08\_30\_01].avi
- IMG\_0475 - Copy.JPG
- IMG\_0479.JPG
- IMG\_0481 - Copy.JPG
- VW1.JPG
- VW2.JPG
- VW3.JPG

## SOFTWARE/EQUIPMENT

The following software/equipment was used during my examination and preparation of this report and was duly licensed to the undersigned at all times:

- Microsoft® Windows 7 Ultimate (SP-1)
- Microsoft® Windows 10 Pro
- Sony® A7S ii Digital Camera
- AccessData® FTK® Imager 3.2.0.0
- WinHex® 18.5 (X-Ways Software Technology AG)
- MediaInfo® 0.7.79 (BSD/OpenGNU opensource license)
- ExifToolGUI® v5.16.0.0
- myFFmpeg® Ver. 3.4.0
- Adobe® Premiere Pro CC 2019 Ver. 13
- Adobe® Photoshop CC 2019
- Sony® DSR-30 DV Cam Recorder
- Samsung® SHR-1040 DVR
- Blackmagic® Intensity Pro 4k Capture Card
- Asus® Custom Built PC

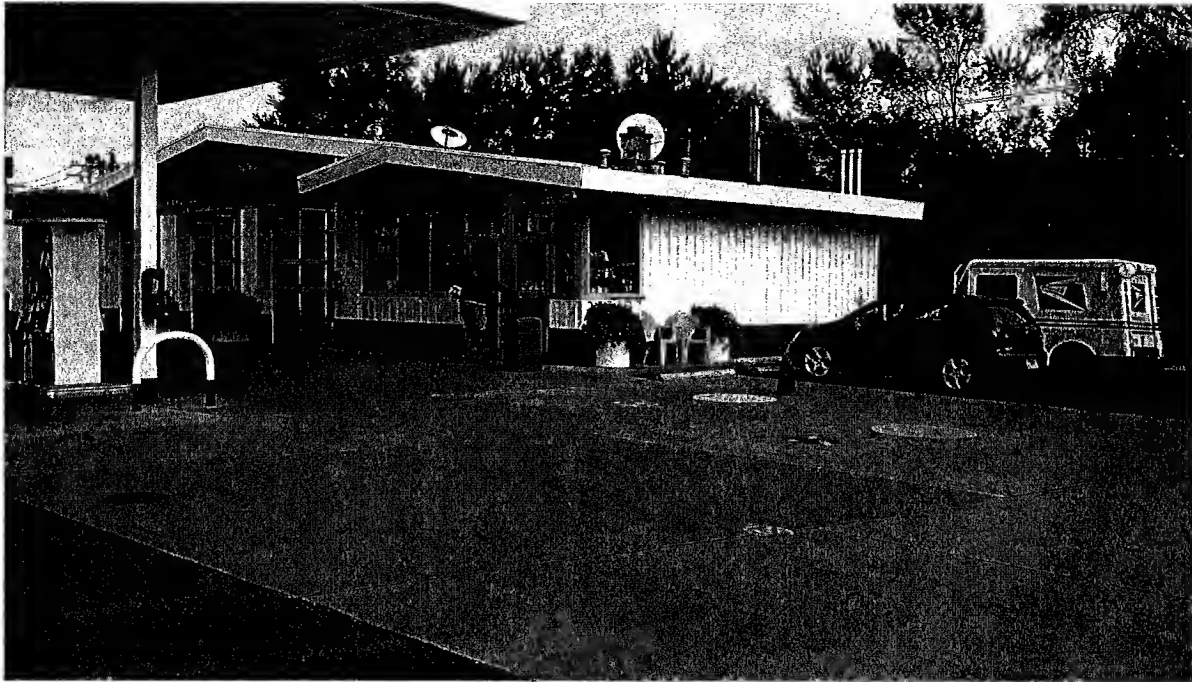
## PRELIMINARY INVESTIGATION

### VIDEO REVIEW

I began my investigation by performing a preliminary review of the materials received, noted on page 4 of this report. Through examination of the digital video file "Cam01[07\_00\_00-08\_30\_01].avi", I noted a dark colored vehicle that enters the screen at time coordinate "7:4:13 921" (HH:MM:SS:FF). It is my understanding that this is the vehicle that we needed to accurately identify the year, make and model for. I began analyzing the video frame by frame using Premiere Pro and identified the clearest frames for clarification and identification. I applied test enhancements including pixel interpolation (zoom), brightness and contrast adjustments as well as sharpening. It is my opinion that the digital video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi" was insufficient for a successful forensic video clarification investigation. Furthermore, the compression level of the video was too high, making the quality of the video too low for an accurate identification of the vehicle in question.

I then recommended that I travel to the location in which the digital video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi" was recorded and generate known samples of the vehicle that was claimed by law enforcement as to be the suspect's vehicle. You informed me that this vehicle was a 2008 Volkswagen Rabbit GTI. I proposed running several tests of the vehicle through the intersection in the same nature that the vehicle depicted in the video evidence traveled. This type of testing, generating known samples, is a form of reverse projection, an accurate method in recreating events as they were originally recorded by recreating them through video analysis. You informed me that we would be able to obtain a 2008 Volkswagen Rabbit GTI, as well as have access to the Sheli gas station's CCTV surveillance equipment. The vehicle we obtained is displayed in Figure 1 below:

Figure 1: D5C05510.JPG



## PHOTOGRAPHIC IMAGE COMPARISON

### METHODOLOGY

Photographic comparison is the process of comparing object(s) or persons(s) when at least one of the items in question is captured in imagery, and making an assessment of the correspondence between features of the captured imagery for rendering an opinion regarding identification or elimination (as opposed to a demonstrative exhibit). Examples of photographic comparisons include, but are not limited to:

- A facial comparison between an unknown subject depicted in a surveillance image with an identified suspect.
- The comparison of objects such as vehicles depicted in surveillance images with those recovered in an investigation.

Any methodology applied to photographic comparison should incorporate an analysis of the imagery, a comparison of individual features, an evaluation of the significance of the comparison and a verification of the comparison.

-SWGDE Guidelines for Forensic Image Analysis PG 6

It is considered that today, the most prolific source of evidence for police is from video images. Video is not an accurate medium for identification on its own. This is because digital compression removes and adds information that wasn't originally included. A Video Forensic Expert **MUST** be able to interpret the image data in order to compare the images.

Because of image unreliability of images, an Expert MUST also be able to qualify the events based on quality. This is done to ensure that the objects or people presented in them are accurate. This includes sufficient detail and pixel information. In order to compare the images of the vehicle in the evidence (unknown sample) titled "Cam01[07\_00\_00-08\_30\_01].avi" with forensic accuracy, I needed to create an exemplar recording (known sample). This exemplar recording must be created using consistent equipment that was used to create the evidence. Once I had a known and unknown sample, the criteria for the photographic image comparison investigation would be met, and I could proceed.

#### ON SITE EXEMPLAR CREATION 1

On or about October 4<sup>th</sup>, 2018, I traveled to Deerfield, Illinois to a Shell gas station to record samples using the CCTV equipment installed at the location. We coordinated our efforts around recreating the traveled course of the vehicle as close to the natural conditions that the events were originally recorded in the video. This included time of day, as well as the time of year. I was accompanied by you, Perry Myers and Tammy Koelling on location to conduct the investigation. The location in which the Shell Gas station samples were recorded are displayed in Figures 2 and 3 below:

Figure 2: DSC05510.JPG

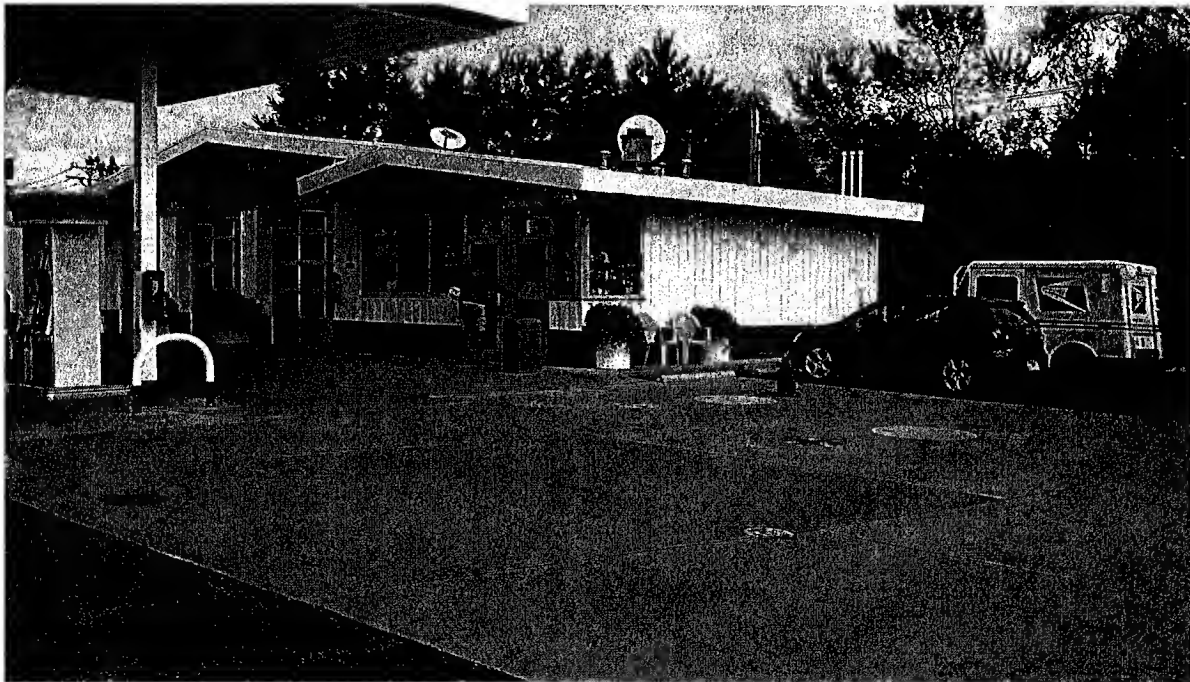
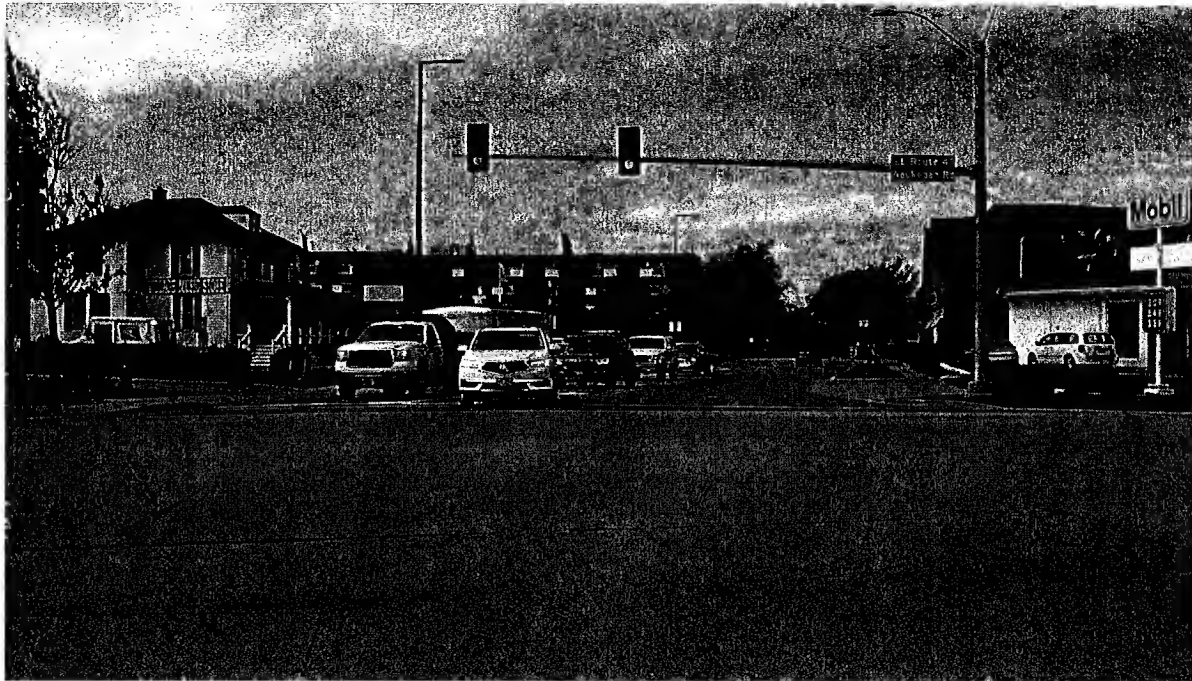


Figure 3: DSC05512.JPG



It was my understanding that the original equipment that was used to record the evidence recording titled "Cam01[07\_00\_00-08\_30\_01].avi" was still preserved at the Shell gas station. Upon arrival I tested the equipment that was stored at that location. I determined that the equipment installed was a Samsung SME-2220N CCTV surveillance system. The Samsung SME-2220N CCTV surveillance system is displayed in Figures 4 through 6 below:

Figure 4: DSC05500.JPG

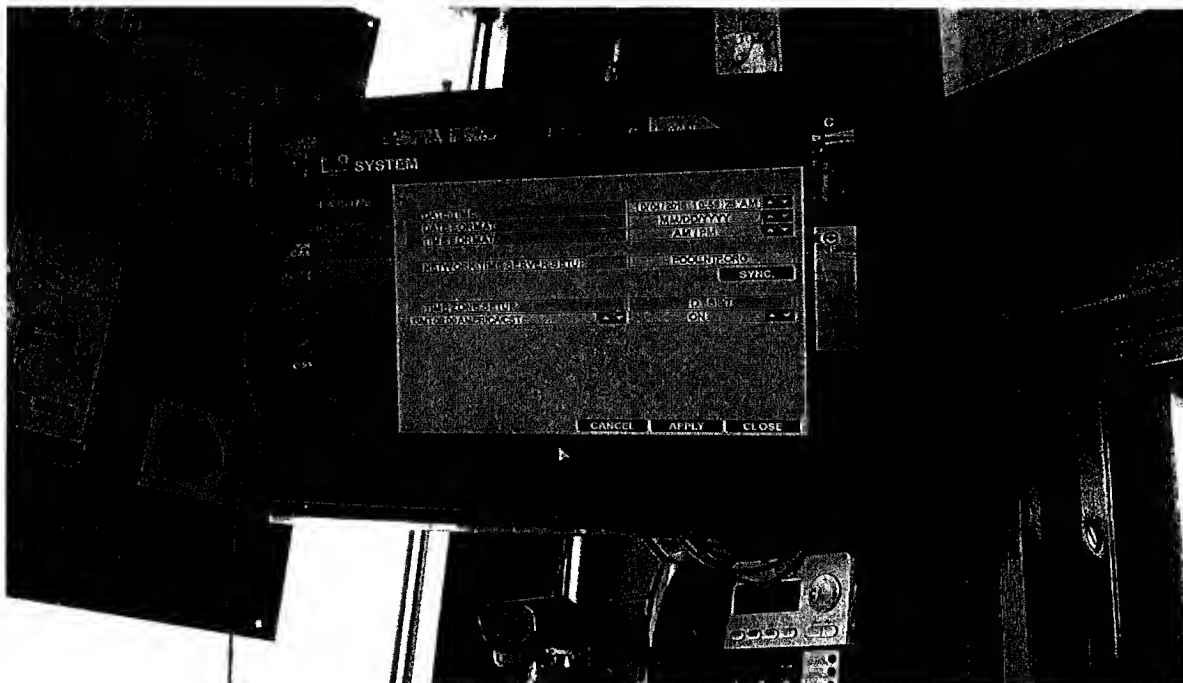


Figure 5: DSC05497.JPG





Figure 6: DSC05499.JPG



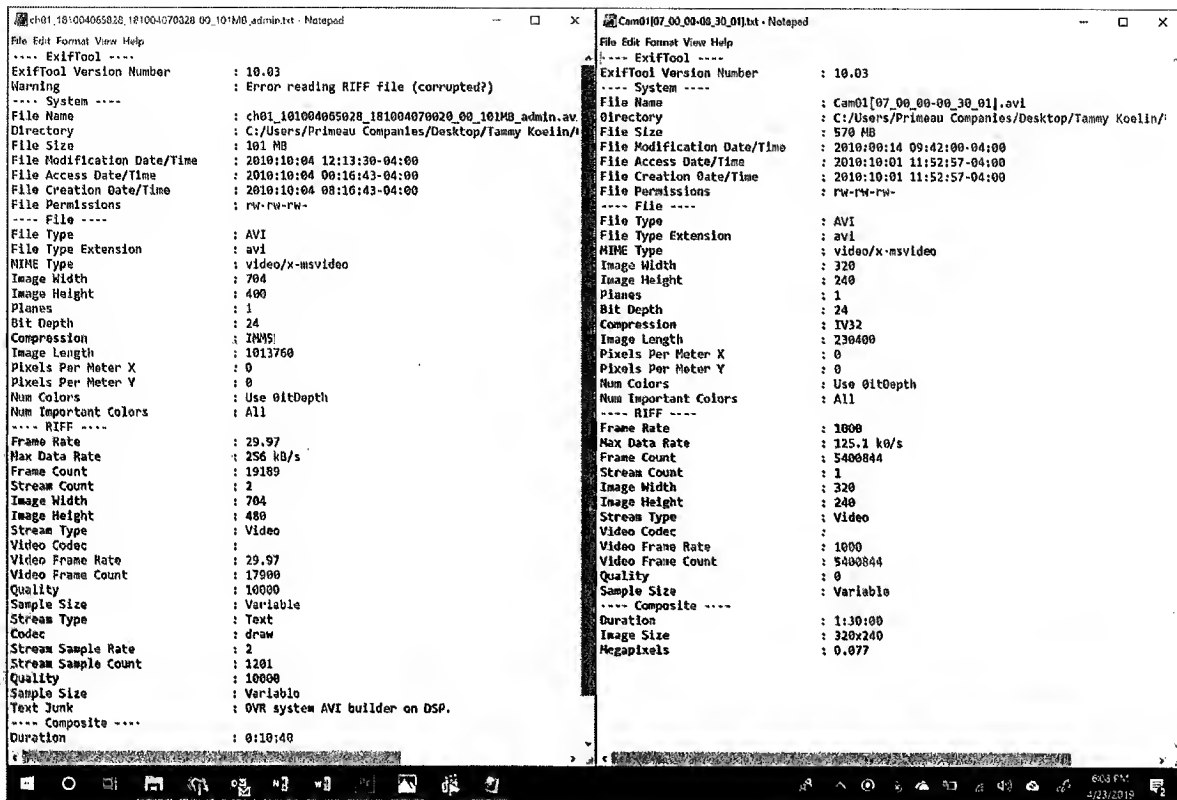
---

## OBSERVATIONS

Through testing of the equipment, communication with Shell gas station staff and communication with the original installation company of the equipment, I determined that the Samsung SME-220N CCTV surveillance system was not used to create the digital video evidence file titled "Cam01[07\_00\_00-08\_30\_01].avi". I arrived at this conclusion based on my observations listed below:

1. Upon investigation of the cameras installed at the location, the Shell staff informed me that they retained the original cameras and their installation location, but not the original digital video recording system that was used to capture the video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi".
2. I generated samples on site using the Samsung CCTV surveillance system and extracted the meta data (digital information) accompanied with the file, as well as the video evidence. This meta data includes information about the recording specifications of the equipment at the time the files were generated. I then compared the two sets of meta data. The comparison of the data is featured in Figure 7 below:

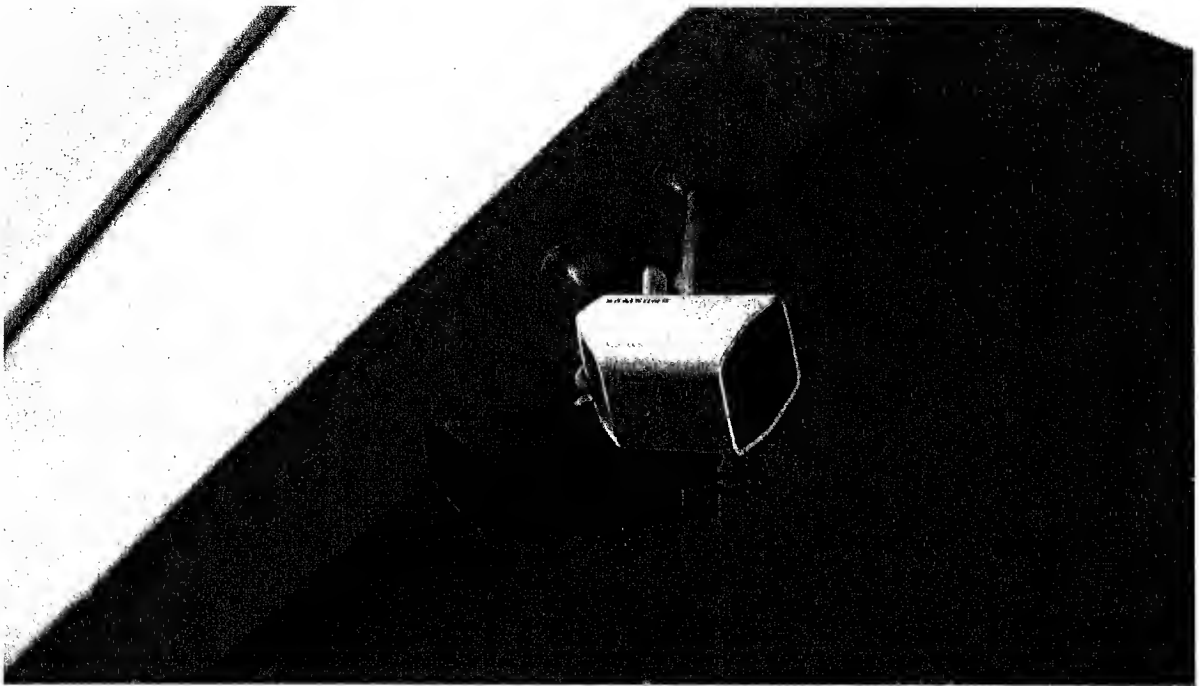
Figure 7: Meta Data Comparison Shell Samples RD 1.PNG



In Figure 7 above, there are several inconsistencies of meta data between the sample titled "ch01\_181004065828\_181004070828\_00\_101MB\_admin.avi" (left) and the evidence file titled "Cam01[07\_00\_00-08\_30\_01].avi" (right). The image compression type, frame rate, max data rate, stream count, image width, image height, stream type, quality and megapixel are all different. In addition, there is excess information included in the sample video file that was not recorded in the evidence file. The meta data is too different to have the same system create them both.

3. Upon examination of this camera system, I noted an older camera as well as a newer camera installed at the perspective point in which the evidence recording displays. I was able to trace the cabling connected to the older camera and identified it's connector type. The connection type for the older cameras installed at the location was a RJ-11 connector type. The positioning of this older camera was pointed in the direction of the area that was recorded in the video evidence. I attempted to connect this camera to the system currently installed at the Shell gas station and was unsuccessful. The RJ-11 connector type could not physically be connected to the SME-220N CCTV surveillance system. This is because the older cameras were incompatible with the newer Samsung CCTV surveillance system. The Samsung SME-220N CCTV surveillance system could only connect cameras with an S-Video type of connector. The RJ-11 camera and the Samsung SME-220N are displayed side by side at the perspective point in which the evidence was created in Figure 8 below:

Figure 8: D5C05485.JPG



---

## CONCLUSION

It is crucial for the accuracy of the investigation to create samples using the same equipment that was used to record the evidence. This principle can be applied to many areas of forensic science including ballistics, blood spatter and even fingerprint analysis. The integrity and authenticity of the sample ensures the lowest error rate of the results. I concluded that we could not generate an accurate sample for photographic video comparison because we did not have the appropriate equipment to generate the sample. I traveled back to my lab in Rochester Hills, MI to determine the appropriate measures to obtain the required equipment to generate accurate samples for comparison.

### METHODOLOGY

From the investigation on October 8<sup>th</sup>, I needed to perform additional research to determine what type of equipment would be in close enough relation to the equipment that was used at the time the video evidence was recorded. On October 8<sup>th</sup>, Perry Myers assisted with the creation of the samples at the Shell gas station. I requested he be available for the investigation due to his background in private investigation, as well as CCTV surveillance cameras. Through searching on the Internet and communication with Perry, we agreed that the "Samsung SHR 1040" CCTV surveillance system was in closest relation to the equipment that would have been available at the time the evidence recording was created. This was due to its capabilities to utilize a RJ-11 connector type, as well as its availability to consumers at that time.

In order to complete the photographic image comparison investigation in a timely fashion, Perry offered to create the samples under my virtual direction on site at the Shell gas station. I asked Perry to assume CCTV video re-recording tasks and generate work notes featured in Figure 9 below:

Figure 9: Perry's Field Notes

Today, we did our video testing, and these are some bullet points and facts we determined.

- I arrived at the Shell Gas Station located at 655 Waukegan Rd, Deerfield, IL on December 18, 2018 at 1:05pm. Max Rauen from Pro Video Security was there to assist in the camera setup and videotaping and Steven LaPino was present from MSI Detective Services to drive the 2008 Volkswagen Rabbit (GTI) through the intersection of Waukegan Road and Osterman Ave (Longfellow Ave to the East) in Deerfield, IL.
- I setup in the back office located in the SE corner of the gas station, using the office that formerly housed the CCTV system. Wires already existed from an existing Samsung camera mounted over the front door of the gas station to this office that we believed was the actual camera used at the time of the murder. This supposition was based on the fact that the other 2 existing cameras in this location were likely newer models and were not purchased at the time of the murder.
- I used the SHR-1040 DVR I purchased which was compatible with the camera over the door and brought a VGA LCD monitor for viewing. This DVR may have very well been the same DVR used at the time of the murder or something very similar.
- I tested using the existing Samsung camera an SOD14C that uses an RJ11 (6 pin) phone type connector for connections both at the DVR and the camera ends. This camera was already mounted above the entrance door of the gas station facing West that was manufactured in 2006. We had purchased a backup of the same model camera and wiring in the case that the existing equipment was not functional.
- The purchased Samsung 4ch Real-Time DVR SHR-1040 uses the same phone jack type connector for connecting cameras. This DVR was previously sold at Sam's Club, which added to the theory that this DVR or something like it, was used at the time of the murder. The current DVR system used at the gas station was also purchased at Sam's Club. The DVR pushes power to the camera through the phone style wiring.

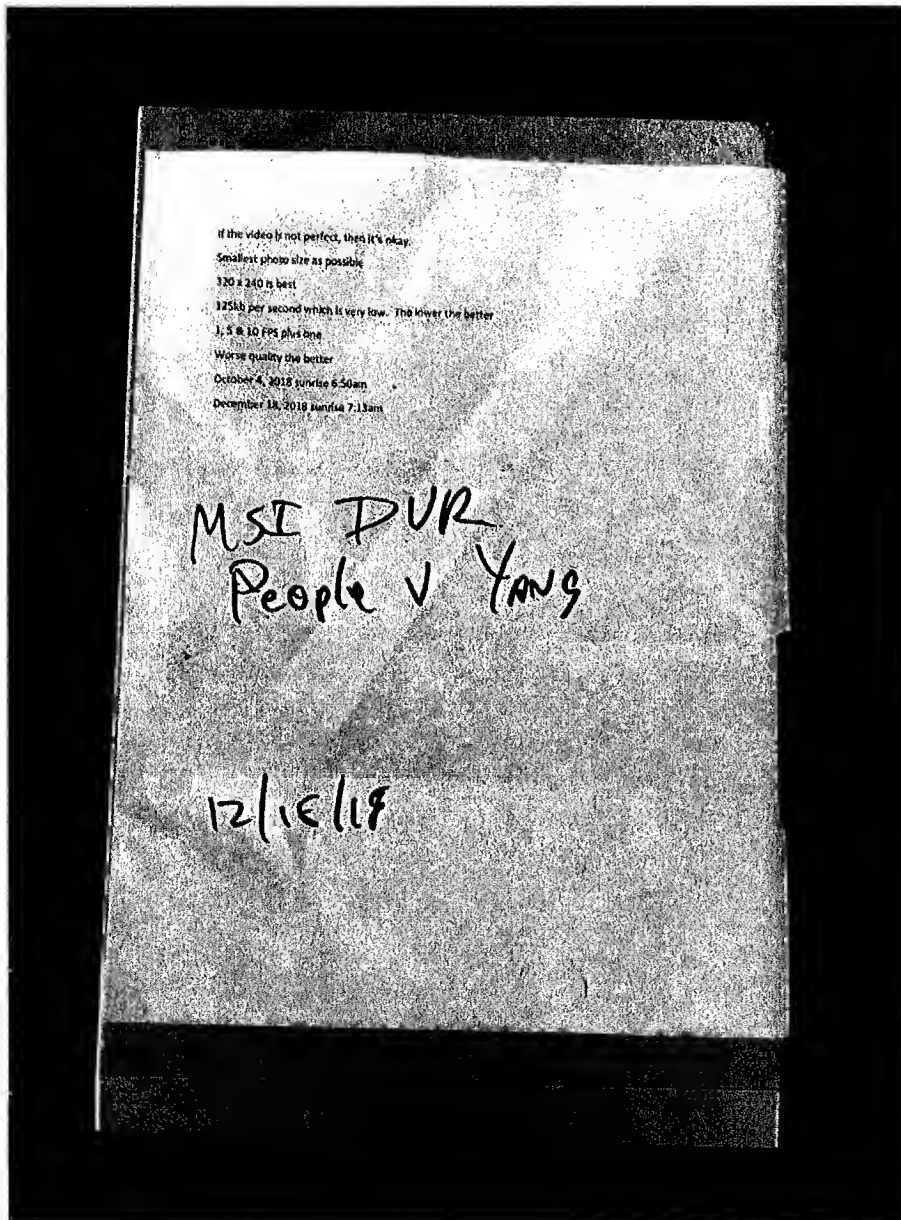
- During testing, I observed that the live image on the screen of the DVR appeared to be a narrower field of view compared to the state's provided video. We tried to match up the video viewing angle as best as we could but could not get the exact same view.
- The display of the date, time and camera model are not the same. Our camera view and playback showed the time/date stamp in a different font and different location than the police video. I will supply video that will show this.
- There were two other two cameras mounted above the door are believed to be newer models and so these cameras were the ones that were used in the video. I don't know of a way to use the camera connections on these newer cameras to make it compatible with the Samsung DVR being used.
- One of these newer cameras was a KT&C KPC-N600N is described as a black bullet style camera that uses a multi pin DIM connector to the DVR. The camera was currently connected to the existing DVR that is an all in one Samsung. The connector on this camera would not work with the DVR that I purchased for testing as it does not have the same connector used. I researched the camera and found it was first listed on Amazon November 14, 2007. So my assumption that this camera was likely purchased after the murder makes sense. No manufacturer date was listed on this camera.
- The other camera is a Samsung SOC-A-100 which we learned was manufactured in March 2010 was also excluded as being the camera used. This camera too was using a DIM connector and was connected to the existing Samsung DVR. The camera outside did not have a label indicating a manufacture date however an identical camera inside did. I used that date as likely being the same as the one outside since the entire system was likely purchased at the same time. In any event, the different types of connectors and the later manufacturer or sale date seems to exclude these 2 cameras as being the ones that captured the video recordings used by the state.
- We videotaped between 2pm and 2:30pm and used 6 different settings.
  - O Low Quality 1 IPS
  - O Normal Quality 1 IPS
  - O High Quality 1 IPS
  - O Low Quality 2.5 IPS
  - O Normal Quality 2.5 IPS
  - O High Quality 2.5 IPS

I am copying the video captured into a digital format and sending the entire hard drive and DVR to Michael for testing.

## EVIDENCE DIGITIZATION & EXTRACTION

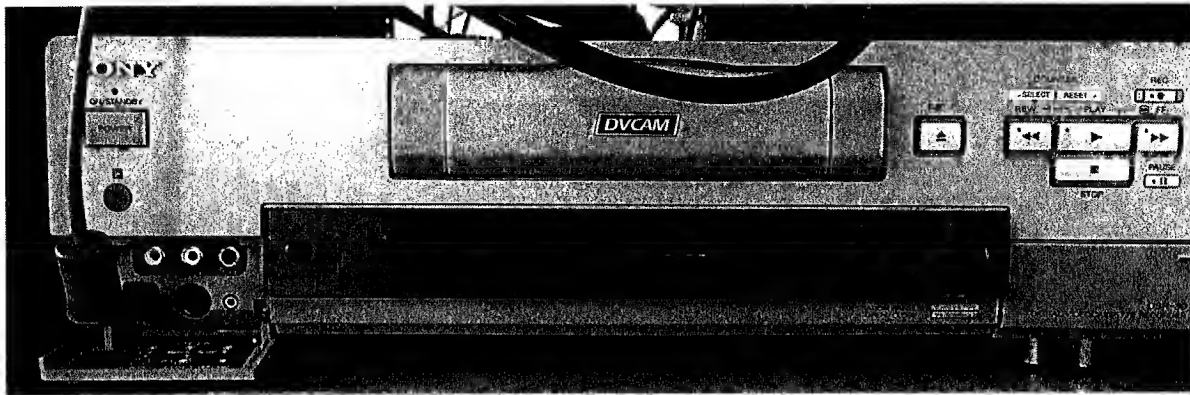
On or about January 29<sup>th</sup>, 2019, I received a Samsung SHR-1040 DVR and power supply from Perry Myers. This was the device Perry used to generate sample video recordings that I needed for the photographic video comparison investigation. The DVR is displayed in Figures 10 and 11 below:

Figure 10: IMG\_0808.JPG



I began the digitization process by setting the Samsung SHR-1040 DVR's default video output to the B&C main output. I then connected this output to my Sony DSR-30 DV Cam recorder and recorded the playback of all samples stored on the DVR to digital tape. Then I captured the content of the DV tape using the Capture utility in Premiere Pro. The captured sample recordings were saved using the title "SAMSUNG DVR SAMPLES LOAD.avi" into my forensic computer. Again, this process was required to maintain a non-destructive workflow to examine the content recorded by Perry Myers at the Shell gas station. The Sony DSR-30 equipment used is displayed in Figure 12 below:

Figure 12: IMG\_0811.JPG



## FORENSIC VIDEO CLARIFICATION

### METHODOLOGY

The objective of forensic video clarification is to clarify or enhance the events as they naturally occurred. This is done using non-destructive techniques to preserve the video evidence integrity and pixel quality. Clarifying or enhancing the events as they occurred assists the trier of fact to weigh the video evidence and its relevance to the litigation.

### CLARIFICATION PROCESS

I began the forensic video clarification process by importing the captured video file titled "SAMSUNG DVR SAMPLES LOAD.avi" into Premiere Pro. I identified the best frame for enhancement and identification within the video, and exported it using the TIFF (Tag Image File Format) formatting and title "SAMSUNG DVR SAMPLES LOAD.00\_03\_29\_19.Still001.tif".

I then needed to extract still frames from the video evidence file titled "Cam01[07\_00\_00-08\_30\_01].avi" for comparison. I identified the best frame for comparison at time coordinate "7:4:14 859" (HH:MM:SS:FF).

Next, I imported the known and unknown sample frames titled "Cam01[07\_00\_00-08\_30\_01].00\_04\_16\_00.Still001.tif" and "SAMSUNG DVR SAMPLES LOAD.00\_03\_29\_19.Still001.tif" for clarification in Adobe Photoshop CC. The processes I used for clarification adhere to the Best Practices set forth by the Scientific Working Group for Digital Evidence, as well as our firm's own best practices. These processes include, but are not limited to:

1. Sharpening
2. Shadow & Highlight adjustments
3. Pixel Interpolation (Zoom)



I then saved the clarified exhibits as "Cam01[07\_00\_00-08\_30\_01].00\_04\_16\_00.Still001 Clarified Cropped.tif" and "EXEMPLAR VEHICLE.tif" in the TIF (Tag Image File Format) formatting. The enhanced evidence (unknown vehicle) and enhanced exemplar (known vehicle) images are displayed in Figures 13 and 13 below:

Figure 13: Cam01[07\_00\_00-08\_30\_01].00\_04\_16\_00.Still001 Clarified Cropped.tif

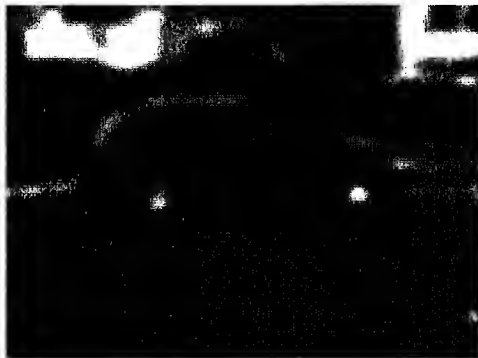


Figure 14: Exemplar Vehicle Clarified.tif



## PHOTOGRAPHIC IMAGE COMPARISON

### METHODOLOGY

In order to compare the images forensically and make an Identification, the exemplar and evidence images must meet the photographic image comparison criteria. The training I received from LEVA states that the criteria is broken up into two categories, Class and Unique Characteristics. The detail of this criteria is displayed in the sections below:

**Class characteristics:** A class characteristic is an identifiable feature that assists in narrowing the statistical probability that a questioned object or person belongs to the same group as a known object or person that shares the same feature. Consistent class characteristics between questioned objects and Individuals can only suggest similarities and cannot, by themselves, be used to infer a positive identification.

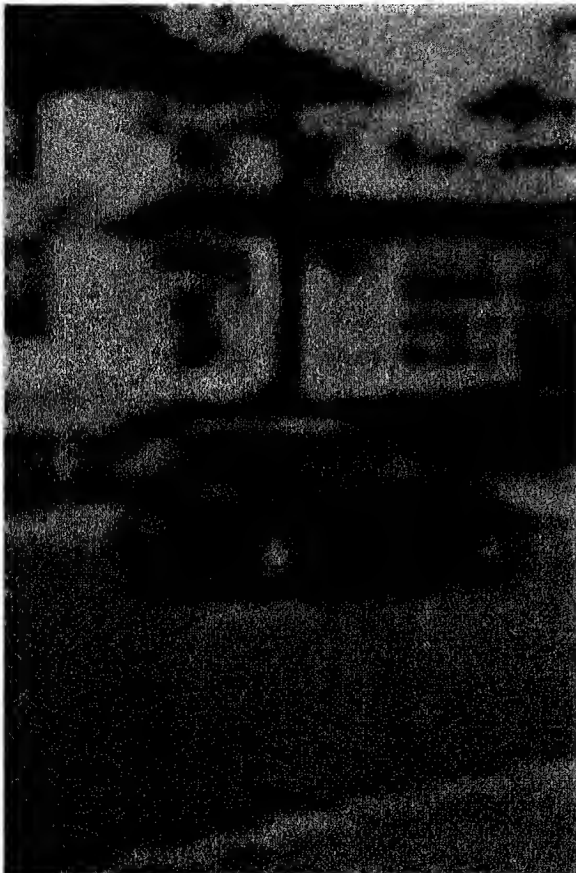
**Unique Characteristics:** A unique characteristic is an identifiable feature found on the questioned object or person that is found on no other object or person of similar class. A unique characteristic can be used to significantly narrow the probability that a known object or person is in fact the same questioned object or person. A thorough examination of class characteristics and unique characteristics contrasted and compared between questioned and known objects or persons may allow an experienced and properly qualified analyst to form an opinion, if it is safe to do so, that the objects are one in the same, eliminating all others of the same class.

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## VEHICLE IDENTIFICATION

It is my understanding that the suspects' vehicle was identified using a still frame that was extracted from the digital video evidence recording titled "Cam01[07\_00\_00-08\_30\_01].avi". The still frame that was used to identify the year, make and model of the vehicle is displayed in Figure 15 below:

Figure 15: 475crop.jpg



The Image in Figure 15 was not accompanied by any chain of custody information as to how it was enhanced or cropped. In order to determine the credibility of the clarified image in Figure 15, I needed to re-create the enhancements using techniques that I am trained in and are also approved by the scientific community. According to the protocols set forth by SWGIT (Scientific Working Group on Image Technology) a trained professional should be able to produce comparable results using image enhancement techniques. I exported a still frame from the video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi" so that the position of the vehicle matched. The still frame that I used for comparison is displayed in Figure 16 below:

Figure 16: Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002.tif



Next, I applied minimal enhancement processing using Adobe Photoshop. The processing included pixel interpolation and light level adjustments. The image was then saved using the .TIF format in a full frame and cropped formatting. These clarified images are displayed in Figure 17 and 18 below:

Figure 17: Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002 Clarified.tif



Figure 18: Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002 Clarified Cropped.tif



A side by side comparison of these images is displayed in Figures 19 and 20 below. The image in Figure 19 is the image titled "475crop.jpg" that I received as evidence. The image in Figure 20 is the image that I created from clarification techniques titled "Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002 Clarified Cropped.tif". While comparing the enhanced image that I created and the enhanced image that I received I was able to recreate the enhancements used and verify the integrity of the clarification of the the image titled "475crop.jpg".

Figure 19: 475crop.jpg

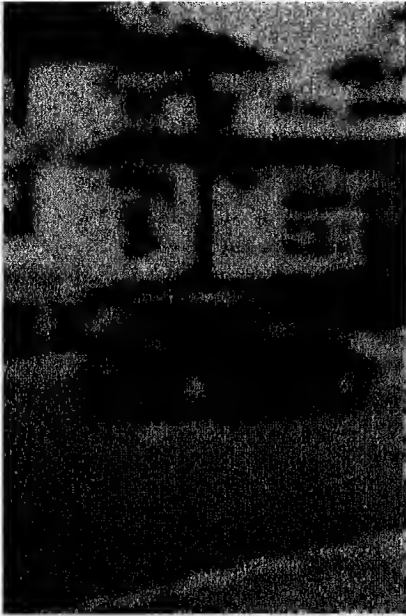


Figure 20: Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002 Clarified Cropped.tif



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## IMAGE COMPARISON

In order to determine if the images used as evidence to identify the vehicle in question met the necessary criteria for identification, I needed to compare them to the sample that I clarified. In addition, I also needed to compare the image used as evidence to the known sample of the Rabbit GTI that we recorded on site at the Shell gas station. I began by comparing the clarified image given to me as evidence with the clarified image that I created. The image I was presented is displayed in Figure 21 below. The image I clarified is displayed in Figure 22 below.

---

## COMPARISON 1

Figure 21: 475crop.jpg



Figure 22: Cam01[07\_00\_00-08\_30\_01].00\_04\_17\_00.Still002 Clarified Cropped.tif



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## OBSERVATIONS

- The images shown in Figures 21 and 22 above do not contain enough class or unique characteristics for an accurate identification.
- No accurate identification of the year, make or model of the vehicle can be made from these images alone.
- Both vehicles have a large window behind the passenger door.
- Both vehicles are dark in color.
- Both vehicles are a hatchback.
- Both vehicles contain 2 doors or a coupe style of body.
- Both vehicles contain light colored wheels.

---

## COMPARISON 2

Next I compared the vehicles using a clarified still from the video evidence in Figure 23 and the clarified still of the sample we created at the Shell gas station in Figure 24.

Figure 23: Cam01[07\_00\_00-08\_30\_01].00\_04\_16\_00.Still001 Clarified Cropped.tif



Figure 24: Exemplar Vehicle Clarified.tif



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## OBSERVATIONS

- The overall size of the vehicles is inconsistent.
- The vehicle in Figure 23 has a different shape of the rear hatch than the vehicle in Figure 24.
- The vehicle in Figure 24 has a longer wheelbase or overall length than the vehicle in Figure 23.
- Both vehicles have a large window behind the passenger door.
- Both vehicles are dark in color.
- Both vehicles are a hatchback.
- Both vehicles contain 2 doors or a coupe style of body.
- The vehicle in Figure 24 contains a longer front bumper or nose.

## CONCLUSION

## OPINIONS

- The methodology used to identify the vehicle in the digital video evidence titled "Cam01[07\_00\_00-08\_30\_01].avi" was not accurate, nor an acceptable method in the scientific community.
- From creating my own clarified version of the evidence image I was presented titled "475crop.jpg" I was able to reproduce the enhancements and arrived at the same conclusion. The vehicle presented in the evidence image titled "475crop.jpg" cannot be accurately identified due to insufficient quality and photographic image comparison criteria.
- The vehicle displayed in the image used as evidence titled "475crop.jpg" is not a 2008 Volkswagen Rabbit GTI based on sample testing on site at the Shell gas station.

Based on a reasonable degree of scientific certainty and the analysis contained within this report, it is my opinion that the image used as evidence titled "475crop.jpg" does not contain the necessary criteria to make an accurate identification of the vehicle in question. Furthermore, it is my opinion that the vehicle displayed in the evidence image titled "475crop.jpg" is not a 2008 Volkswagen Rabbit GTI.

I reserve the right to amend my conclusions and opinions as additional materials are provided in conjunction with future oral testimony.

Respectfully submitted,



Michael Primeau, FVT, BSAET



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No.	Reporting Date:	Reporting Officer:		
07-15329	01-05-07	James		
Subject of Case:	Typed By:	Date:	Lead No.	
Homicide	James	01-07-07	135	

The focus of Lead #135 is the interview of DELGADO, Jessie M/W 10-07-89 2550 Bryn Mawr Chicago, IL TX/773-681-0071 cellular TX/773-614-9070. The following is not verbatim or in its entirety.

On 01-05-07 I spoke with Jessie with regards to any information or statements that Andrew Yang may have told him. When asked if he had spoken to Andrew lately, Jessie replied that he spoke with Andrew earlier today (approximately 0030hrs). When asked what they talked about, Jessie related that he called Andrew after speaking with me out of concern. Jessie further related that all Andrew told him was to tell them everything I told you that day. When asked what conversation they had and what day Andrew was talking about, Jessie related that the conversation was concerning his mother (Marni Yang, Shaun Gayle and that pregnant lady who was killed) and that Andrew would have to talk to the cop's cause of his mom. The conversation took place a few days after the incident; Jessie was unclear on the exact date.

When asked if he ever knew Andrew's mother (Marni) to ever own a gun, Jessie replied, No. When asked if he ever had seen Sal's gun (Sal De Vera, Marni's boyfriend), Jessie replied, Yes, and described it as being black unknown caliber and carried in a black holster.

When asked if he ever saw any costumes (Halloween) or wigs/disguises, Jessie related, No, but that Andrew does possess a black ski mask (possibly made of neoprene) that covers the lower part of the face and is connected by Velcro around the backside of the neck.

This concludes the interview of Jessie Delgado.

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Page 1 of 1

Approved By: 

Blumberg No. 5714  
DEFENDANT'S  
EXHIBIT  
6

000405

State of Illinois )

County of Cook )

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**Affidavit**

---

I, Jesse Delgado, being first duly sworn on oath deposes and says I am 27 years of age with a birthday of October 7, 1989 and I reside at 4468 N Kasson St, Chicago, IL

That in 2007, I was a friend of Marni Yang's son Andrew Yang and spent a substantial amount of time in the Yang house while I was a teenager.

That Marni Yang opened her house to many of Andrew Yang's friends including me by offering us a safe place to hang out. She did this to keep us away from the gangs in the area.

That I knew Marni Yang owned a handgun as I had seen Marni cleaning the gun on at least one occasion while at the the Yang home.

That In May 2007, during the Memorial Day weekend, I was desperate for money and stole a Beretta 9mm handgun as well as a Sony Play Station and other items from the house of Marni Yang and I then sold the 9mm Beretta and items for \$800 cash in order to pay a debt.

That on a night in January 2008, I was awakened in my home by police detectives, who took me outside to their squad car in my sleep where I was questioned.

That during this questioning, I was asked if I knew if Marni Yang owned a handgun and I told them I did and that in fact, I stole it.

*Jesse Delgado*

Blumberg No. 5714

DEFENDANT'S  
EXHIBIT

7

That my reasoning for admitting that I stole the gun to the police was I thought that the police were questioning me concerning the theft and that they had somehow learned that I had stolen it.

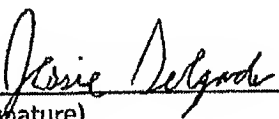
That after I had told the police detectives this information, they seemed to want to change the subject of conversation and did not seem interested in this information and questioned me about Marni.

That upon reviewing the report of my interview by the police detectives, the report did not include a truthful statement concerning my knowledge of the gun, but they had totally omitted the fact that I had confessed to stealing the gun.

That everything in this statement is true and correct to the best of my knowledge.

  
\_\_\_\_\_  
(Signature)

Under penalties of perjury as provided by law pursuant to Section 1-109 of the Code of Civil Procedure, the undersigned certifies that the statements set forth in this instrument are true and correct, except as to matters therein stated to be on information and belief and as such matters the undersigned certifies as aforesaid that he/she verily believes the same to be true.

  
\_\_\_\_\_  
(Signature)

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No.	Reporting Date:	Reporting Officer:		
07-15329	11/09/07	Inv. R. Anderson #2092		
Subject of Case:	Typed By:	Date:	Lead No.	
Death Investigation	R. Anderson	11/09/07	89	

The following is a supplemental report reference to purchases made at a Home Depot store. The focus of this supplement is on two purchases made from Home Depot Store # 8598 (6211 N Lincoln Ave. Chicago, IL 60659 773-588-5828) on 08/04/07. Information was gained on these purchases through a garbage pull at Marni Yang's residence (5137 N. St. Louis Chicago, IL 60625) on 10/31/07. The Home Depot purchases were found on a TCF Bank statement for Marni Yang.

On 11/05/07 at approximately 9:20 am, R/I (R. Anderson #2092) contacted Adam Kasprzak with Home Depot Corporate Security (1400 W. Dundee Road Arlington, Heights, IL 60004, Work: 847-870-5199 ext. 7230, Cell: 224-875-0434). Kasprzak was given the information on the two purchases and stated he would fax R/I a detailed list of the items purchased. R/I received the fax on 11/05/07 at 12:25 pm. Both purchases were made by Visa Card # 4479 7200 4378 0110 and required a customer signature. The following is a list of items bought from each purchase:

### Purchase #1: 08/04/07 7:28 pm Total = \$82.02

### Purchase #2: 08/04/07 9:49 pm Total = \$8.03

- 1) Stubby Ratcheting Screwdriver
- 2) Keyhole Saw with Blades
- 3) JR Hacksaw Frame with Blade
- 4) Ryobi 7.2V Drill Kit
- 5) Scotch Commercial Grade Vinyl Electrical Tape
- 6) Heavy Duty All Weather Duct Tape
- 7) 3" Rubber Caster Cup - Almond
- 8) Large Round Cup
- 9) Sharpie Mini
- 10) 6" Mill File
- 11) Husky Folding Lock-back Razor Utility Knife
- 12) PVC EXT Tube 1-1/4 x 12
- 13) SS Clamp 1/2" x 1-1/4"

- 1) 2-PVC EXT Tube 1-1/2 x 12
- 2) Brass 1 1/2 x 6" Bulk Sink Tailpiece

Det. Nichols and Det. Mazariegos (Deerfield PD) responded to the Home Depot store in Waukegan, IL and retrieved the above items. R/I photographed the above items.

Copy #1

Page 1 of 2


Approved By: *[Signature]*

Blumberg No. 5114  
DEFENDANT'S  
EXHIBIT  
8

000247

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No.	Reporting Date:	Reporting Officer:		
07-15329	11/09/07	Inv. R. Anderson #2092 		
Subject of Case:	Typed By:	Date:	Lead No.	
Death Investigation.	R. Anderson	11/09/07	89	

The above items were purchased on the same date (08/04/07) that a book titled "How to Make Disposable Silencers" (see lead #99) was delivered to the Marni Yang residence.


A copy of the Home Depot receipts, detailed listing of each item purchased, and photographs of the items were turned over to Assistant Commander Don Smith for the master file.

Adam Kasprzak advised R/I that he no longer had video surveillance of the above items being purchased.

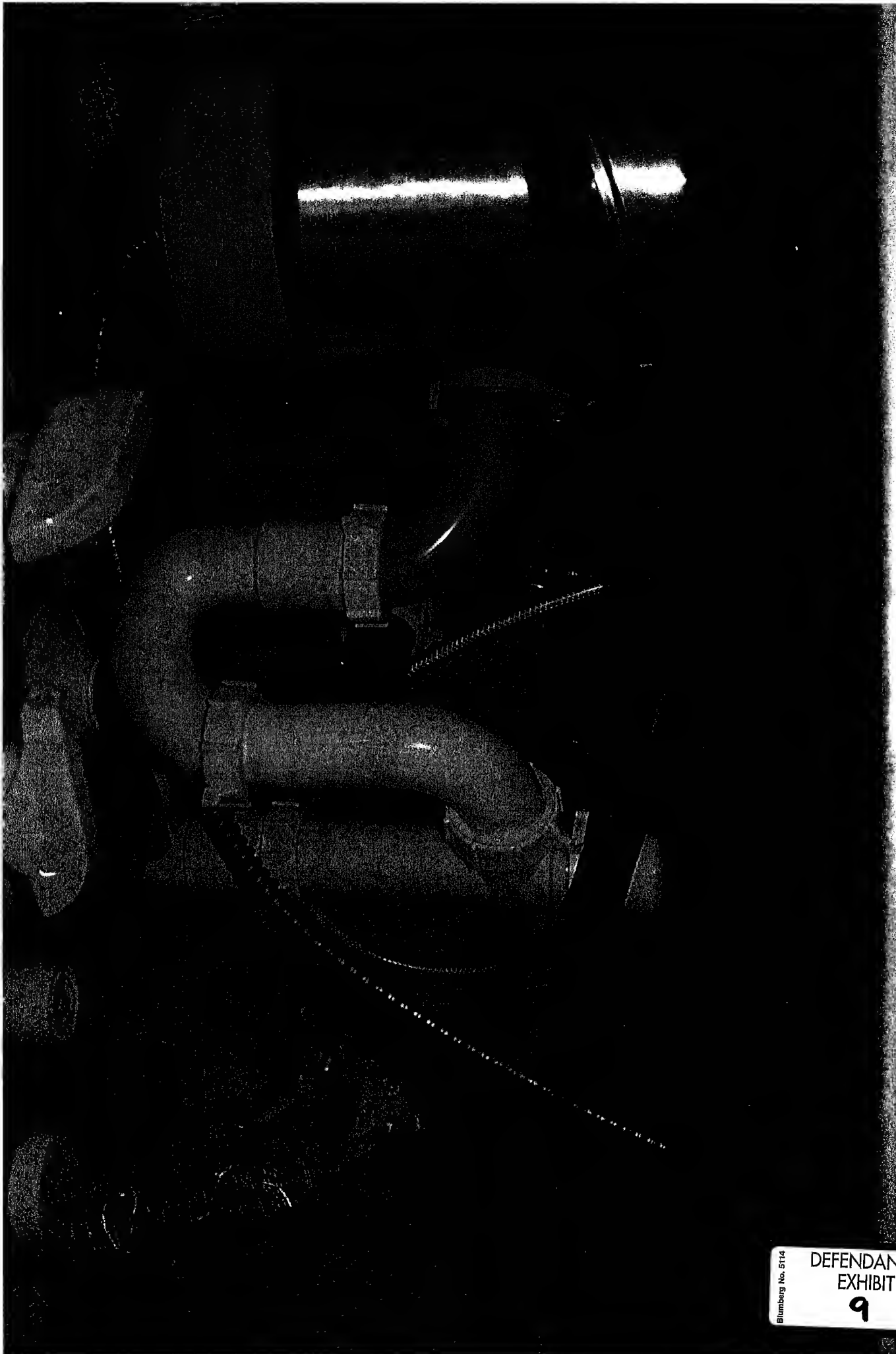
End of report.

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Page 2 of 2

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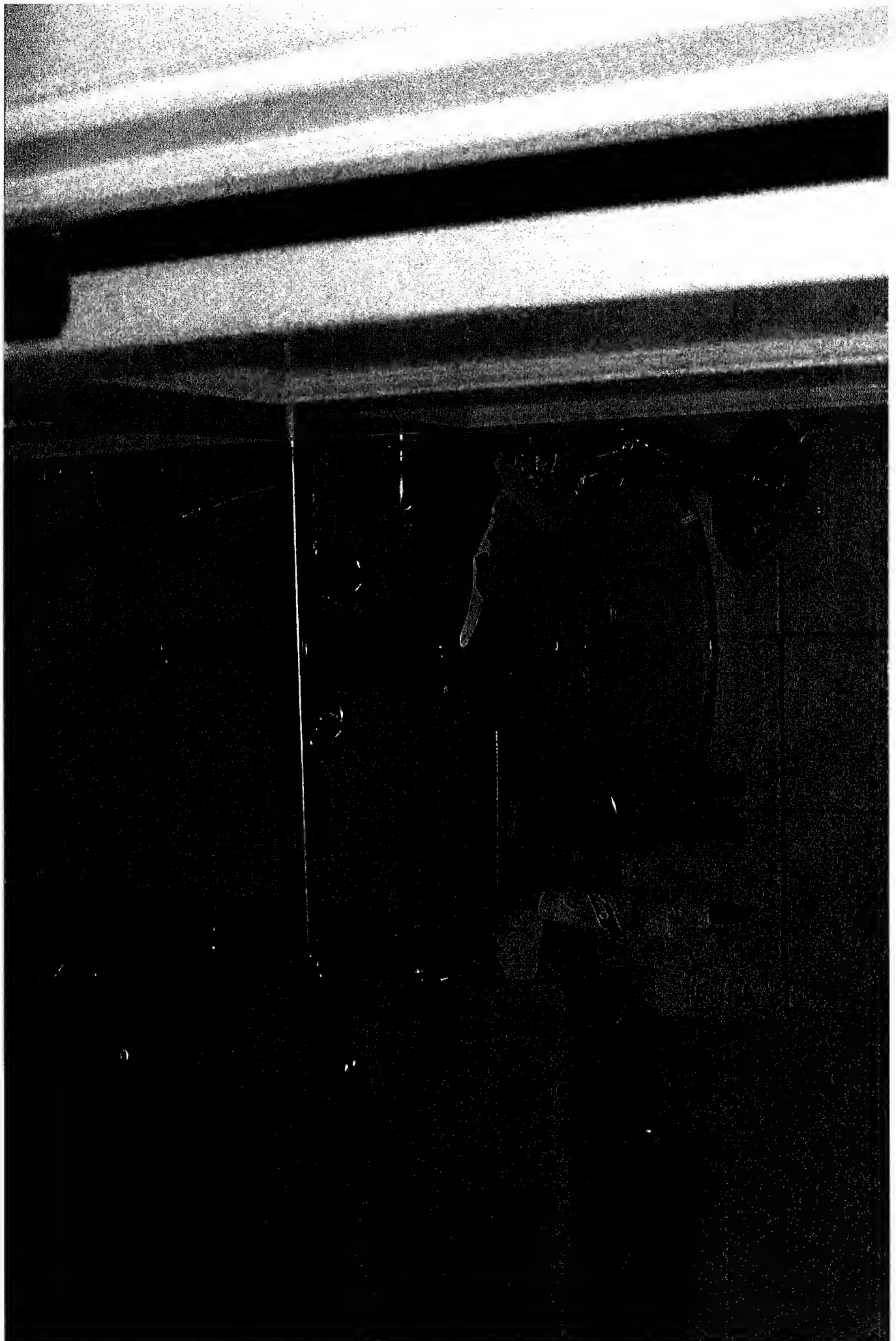
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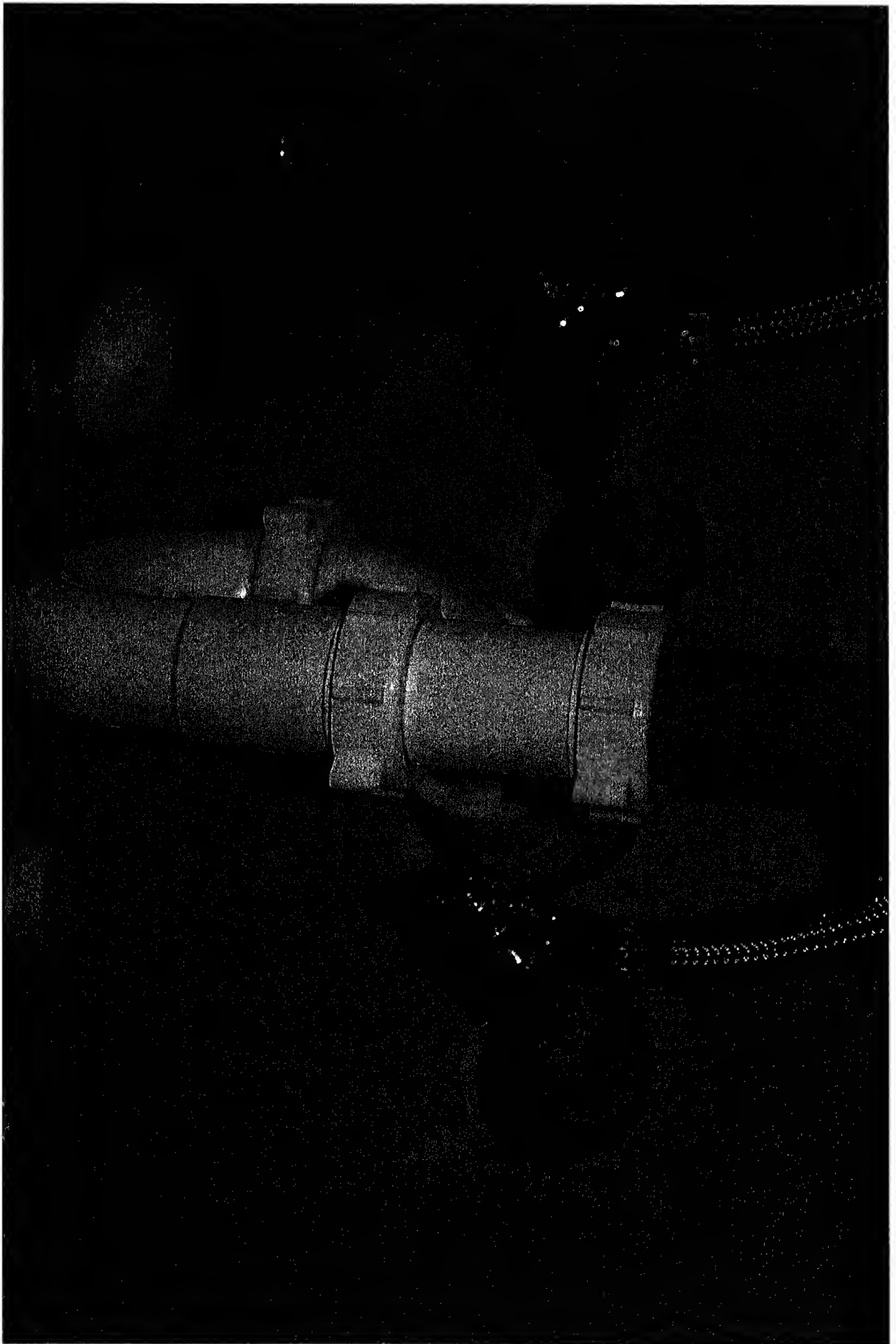


Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

9







**GENERAL**

**Ratcheting Offset Screwdriver S**

Jeu de tournevis coudés à cliq

Juego de atornilladores  
de trinquete acodados.

5 Piece Reversible  
Ratchet Offset.

5 pièces,  
tournevis coudé  
à cliquet  
réversible.

5 piezas  
acodadas  
con  
trinquete  
reversible.

**No. 8071**  
UPC 42673

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Use With Battery (1000000) and 1.2A (1000)  
Use With Battery (1000000) and 1.2A (1000)

To reduce the risk of injury, user must read and  
understand operator's manual.  
Pour réduire le risque de blessure, l'utilisateur  
doit lire et comprendre le manuel de l'utilisateur.  
Para reducir el riesgo de lesión, el usuario debe  
leer y comprender el manual del usuario.

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it's peace of mind you can count on.

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More than 600 stores across the nation make redem  
convenient. Amount of voucher can be applied to a  
any product of your choice.

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under normal usage, we will provide for a replacement  
it's peace of mind you can count on.

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convenient. Amount of voucher can be applied to a  
any product of your choice.

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n<sub>0</sub>: 330 / 520 / min  
Use With Battery / Utilisez Avec Le Batterie  
Use Con El Bateria 130269013 / 130269001

To reduce the risk of injury, user must read and understand operator's manual.

Pour réduire le risque de blessure, l'utilisateur doit lire et comprendre le manuel de l'utilisateur.

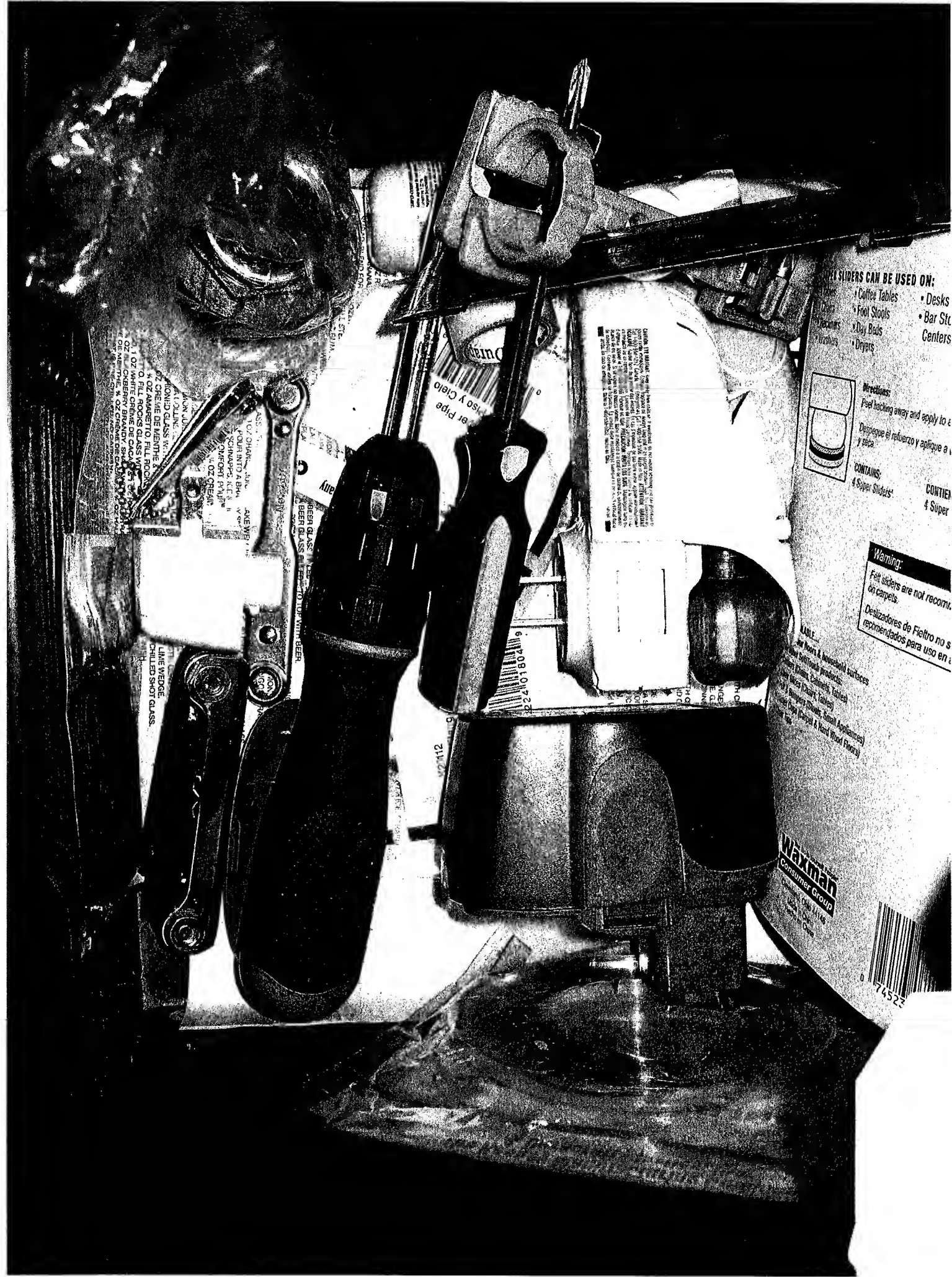
Para reducir el riesgo de lesión, el usuario debe leer y comprender el manual del usuario.

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Model No. 0515 376



**SLIDERS CAN BE USED ON:**

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- Desks
- Foot Stools
- Bar Stools
- Day Beds
- Dryers



**Directions:**  
Peel backing away and apply to surface.  
Despegue el respaldo y aplique a la superficie.

**CONTAINS:**  
4 Super Sliders

**Warning:**  
Felt sliders are not recommended for use on carpets.  
Deslizadores de Feltro no son recomendados para uso en alfombras.

**TABLE:**  
For heavy & household surfaces  
For extra products:  
• Heavy Duty (Shark, Tuff)  
• Heavy Duty (Shark, Tuff)  
• Heavy Duty (Shark, Tuff)

**Waxman**  
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www.BestBuy.com/replacementplan  
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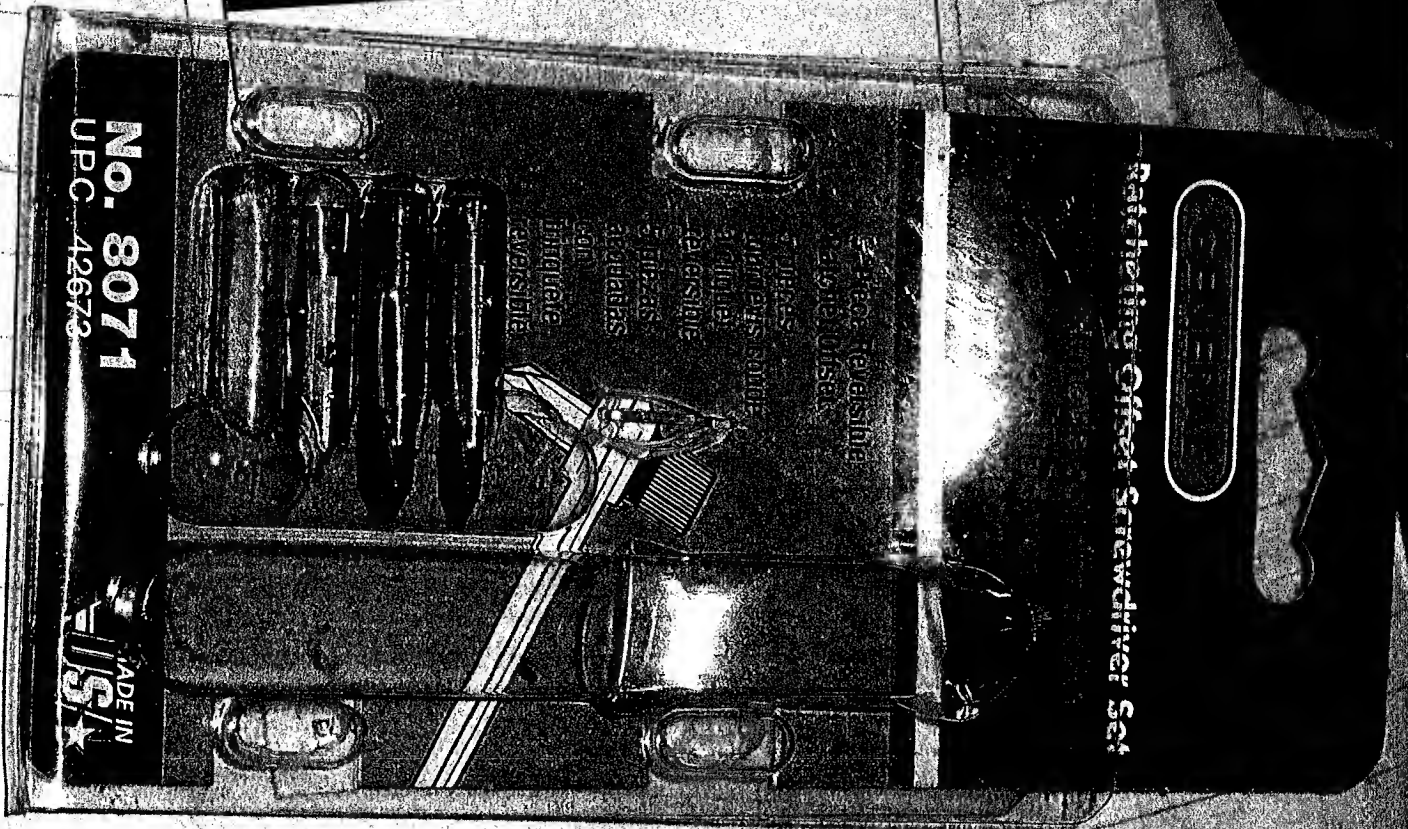
Customer Records

BRAND/MODEL/SERIAL NUMBER:

PLAN PRICE:

EXPIRATION DATE:

Cash Register Endorsement/Validation





*Update Tradition*  
Design ©FSG 2005  
Fort Lauderdale, Florida  
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MOISTURE

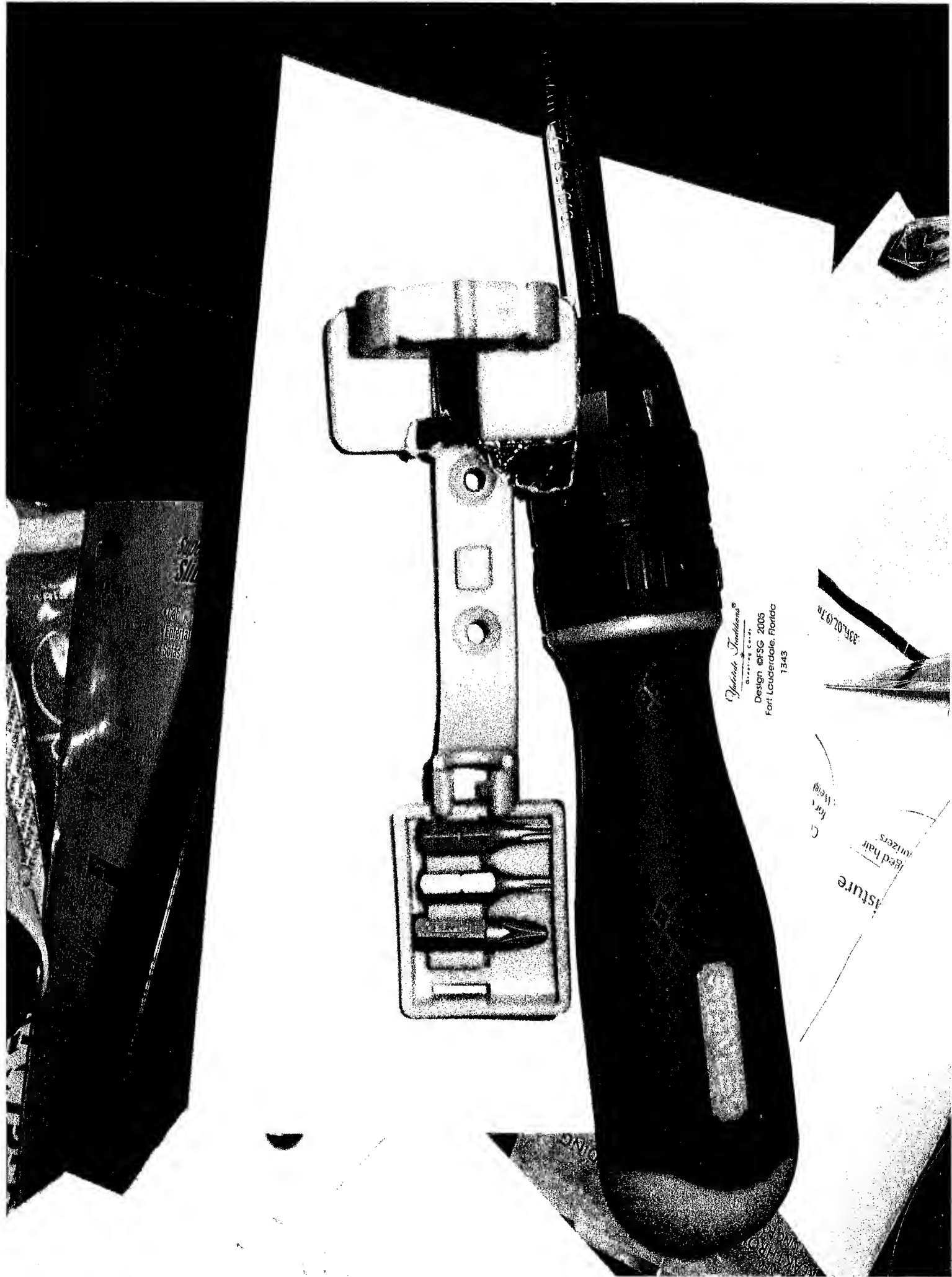
OUTSTANDING  
WITH  
MOISTURE



*Yellow Industries*  
Design © 2005  
Fort Lauderdale, Florida  
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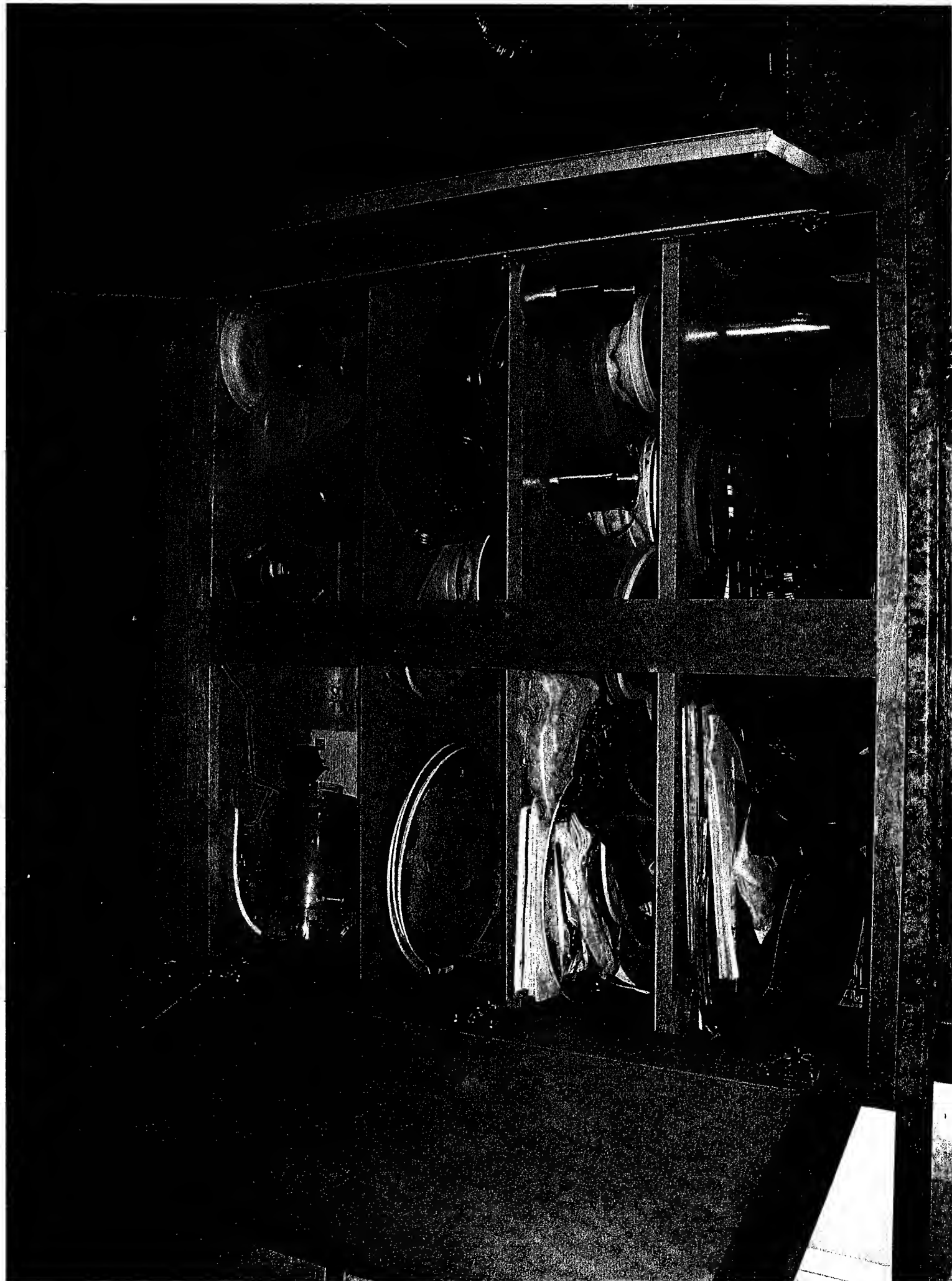
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Optimal Touchdown®  
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Structure  
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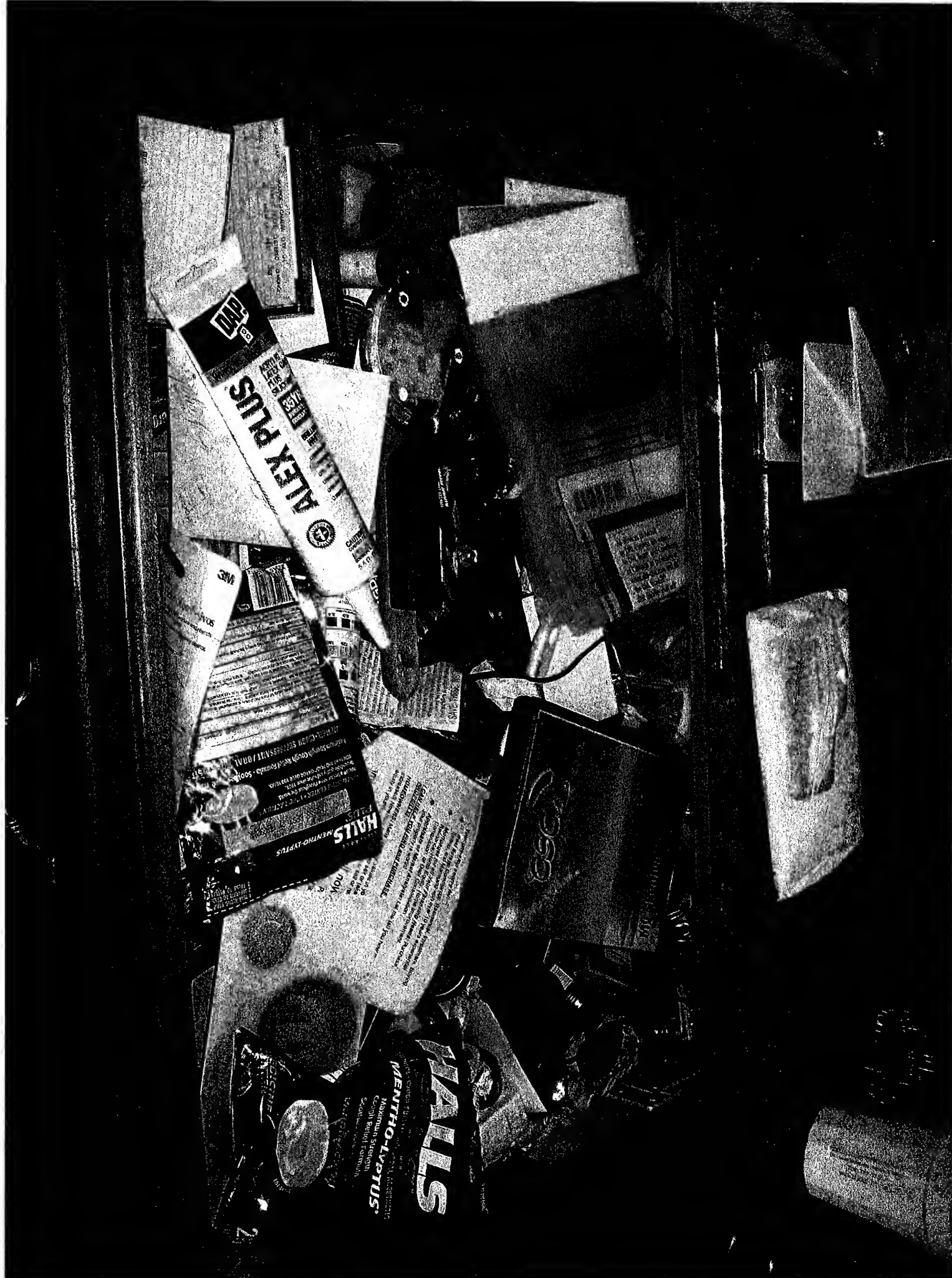












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ADHESIVE  
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AND  
POLISHING  
SURFACES  
EFFECTIVE  
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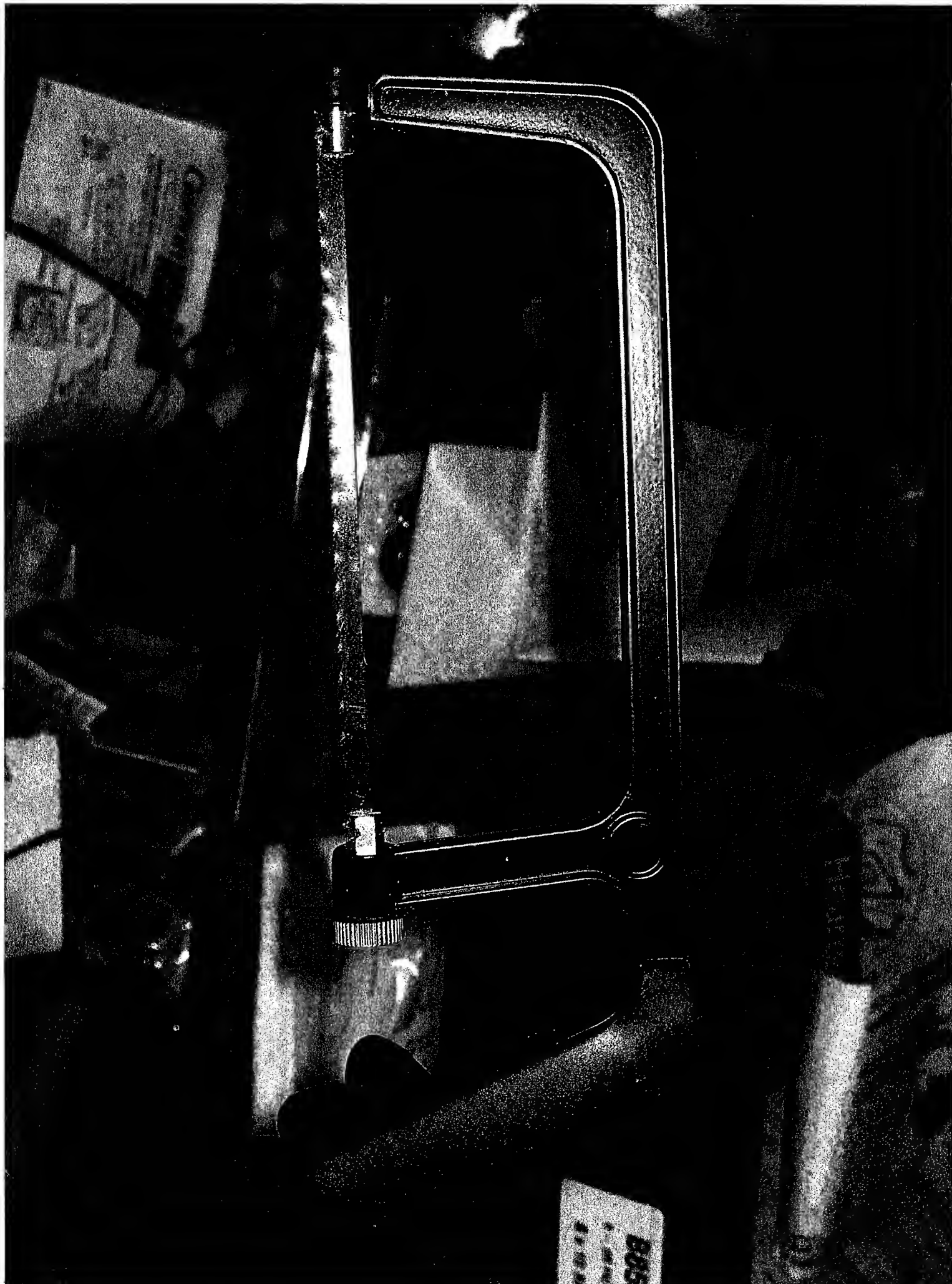
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**HALLS**  
**MENTO-LIPTUS**  
MINTS  
FRESH  
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KITCHEN  
SINKS  
AND  
BATHS

**SCOTCHGARD**  
FABRIC  
PROTECTOR  
FOR  
CLOTHING  
AND  
FURNITURE  
EFFECTIVE  
CLEANING  
ACTION  
FOR  
KITCHEN  
SINKS  
AND  
BATHS







**10 GRILL DISINTEGRATING TABLETS**

Tablets 10mg/Aluminium

- Eat health conscious, if my husband
- Adults and children 6 years and over 1 food/day<sup>a</sup> twice daily. See caution.
- Kids under 6 years of age unless directed by a doctor.
- Do not give to children under 5 years of age unless directed by a doctor.
- Observe caution directions carefully.
- Keep it at dry place. Store between 20° to 25°C (68° to 77°F).
- Hold it 4 dry place. Store between 20° to 25°C (68° to 77°F).
- Use within 6 months of opening full pouch and immediately upon opening individual blister.
- Use until a pouch opened.
- Use full pouch opened.

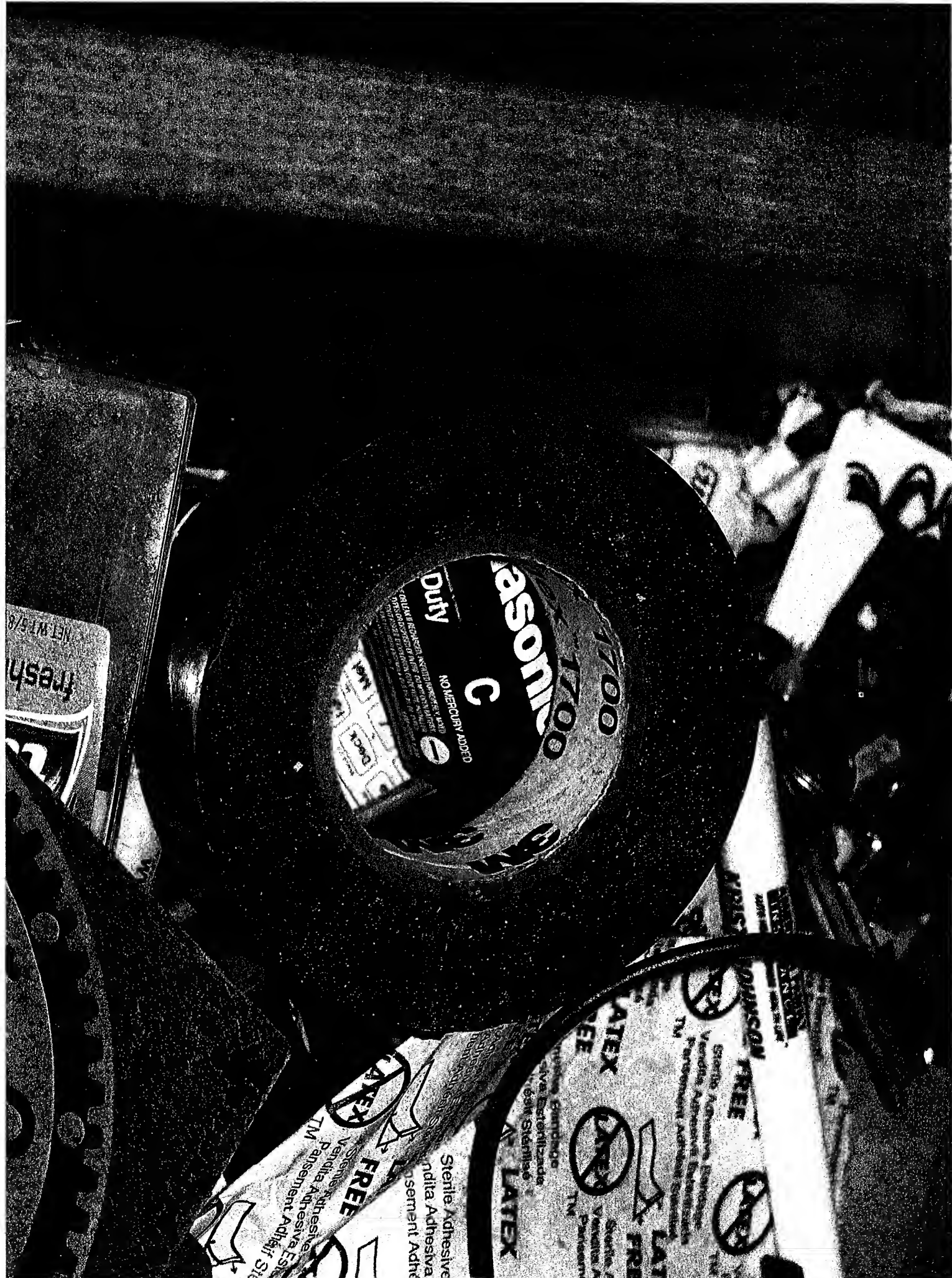
**Do not use if individual blister unit inside the foil pouch is open or torn.  
DO NOT ATTEMPT TO PUSH TABLET THROUGH FOIL.**

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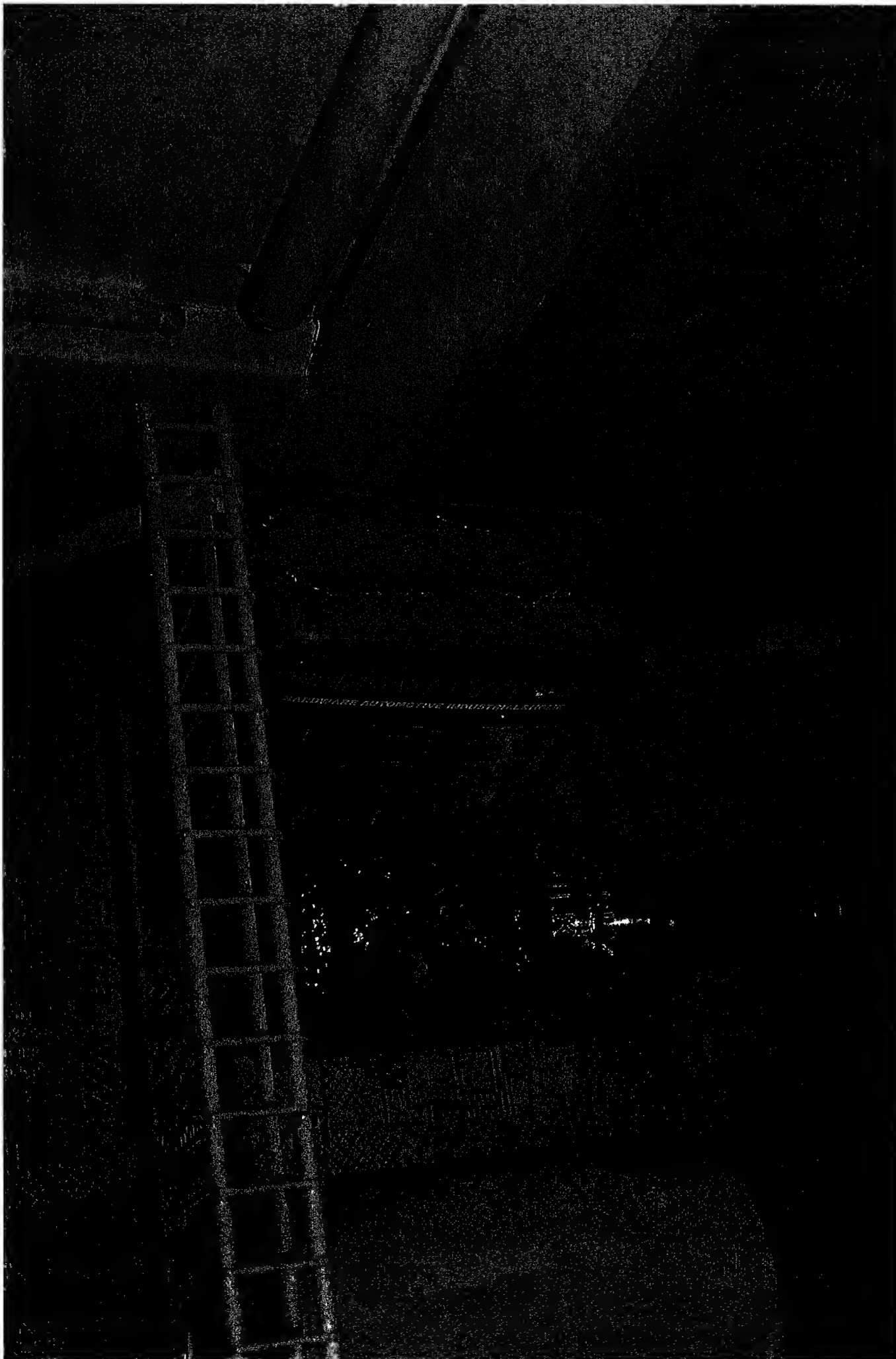




Workforce

or hails.  
f) Do not let lamps rest on the supply cord or o  
g) Unplug the product when leaving the ho  
h) This is an electric product and a fault  
i) Shock it should not be  
j) Do not use this pr  
k) Do not hang on  
l) Do not close  
m) the insulation.  
n) Do not cover the product  
o) Use

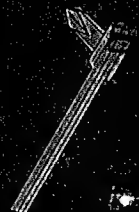
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1/8"

- 4 positions de lame avec 2 lames
- Poignée type pistolet à échange rapide
- Lame à couper du métal pour utiliser sur des sections minces de métal solide ou tôle d'aluminium de 3 mm à 6 mm
- La lame en acier allié pour outils se rate verticalement et horizontalement
- Accepté des lames de toutes les marques populaires

**Includes Recycled  
Wood Cutting Blade**  
Une lame 2030mm x 25mm  
couper du bois est incluse

**Metal  
Cutting  
Blade  
Lame à  
couper des  
métaux**

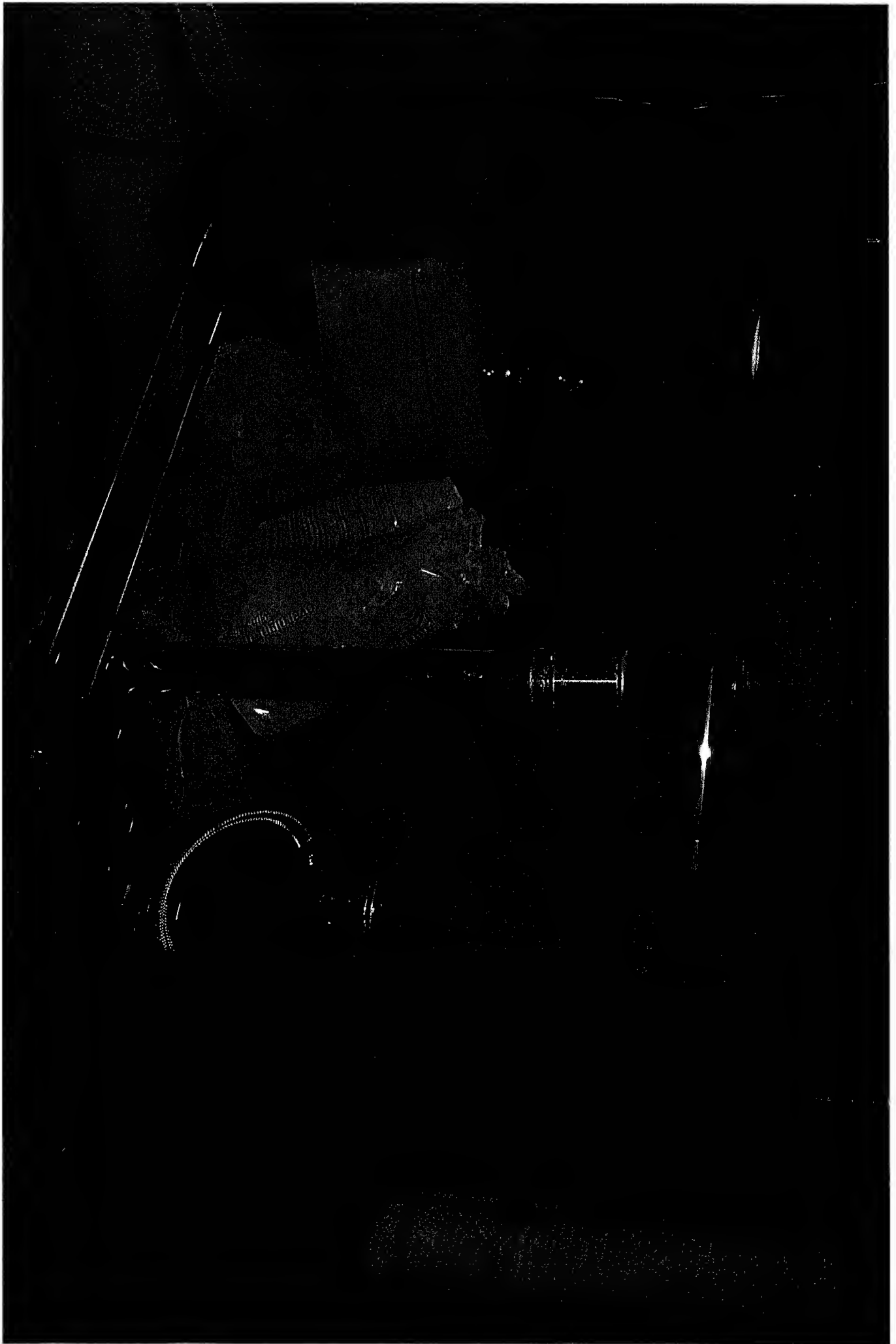














Case Number: Marni Yang  
Ballistic Investigation  
Hire Date: 06/1/17  
Date Filed: 06/4/17

### ACTIVITY REPORT:

On Friday, June 2, 2017 at 11am, I arrived at MSI Detective Services future branch office location at 5627 Dempster St., Morton Grove, IL 60053 to confer with Tammy Koelling, Perry Myers and Larry Merar regarding the analysis of firearms related evidence.

There was an accusation made by the Lake County State's Attorney, during Marni Yang's previous criminal trial that parts purchased by Marni Yang at a Home Depot just prior to the murder date were used to manufacture a silencer for a gun alleged to have been used in the murder of Rhoni Reuter in 2007. The specific question posed to me was whether the specific parts purchased by Marni Yang could possibly be made into a workable suppressor (silencer) for a firearm previously owned by Marni Yang identified as a Beretta 92FS semi-automatic pistol.

At the time I met on June 2, 2017, I was presented with the identical purchased items in question which included PVC pipes, a drain pipe, a hose clamp, and some duct tape along with other miscellaneous parts and hand tools. The question was whether I could use these parts to find a way to construct a workable suppressor that could potentially work on a stock Beretta 92FS semi-automatic handgun. A Beretta 92FS gun owned by Perry Myers was present during this meeting and used to demonstrate the attempt. I have an extensive background and experience working on firearms but after trying numerous different ways, I was unable to find a method to attach a suppression device to this Beretta in a manner that would be practical or usable. The barrel of the Beretta is much too short and so there is no practical way to use any type suppressor device on this stock pistol in my professional opinion. There is not enough barrel material extending past the slide that would allow this.

Daniel J. Conidl  
Chief Firearms Officer  
Defcon-1 Firearms Training

200 E. Randolph, Suite 5100, Chicago, Illinois 60601 • (708)366-0100

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

10

# **Daniel J. Conidi**

## **Director WMP Justice Review**

I was a Senior Special Agent at the United States Department of Homeland Security and the United States Department of Justice with over 26 years of experience. As a Senior Special Agent, I worked in counter-terrorism, anti-smuggling, criminal alien apprehension and gang enforcement task force operations. I was responsible for the organization, planning, and structuring many high-risk raids and warrant operations across the United State. I have attended over 2000 hours of tactical and firearms training instruction over my career with the United States government.

I served in the United States Army as a commissioned military police officer and received the expert marksman classification. I am a lifelong competitive shooter in several disciplines. I first started studying under Jeff Cooper at Gunsite over 25 years ago. I have been a firearms trainer since 1983. I teach Pistol, Shotgun, Carbine, and Rifle.

### **Instructor Certifications:**

- Certified – Illinois State Police CCW Instructor
- Approved-Concealed Carry Curriculum
- IL Dept. of Financial and Professional Regulation (IDFPR) Private Security Contractor
- IL Dept. of Financial and Professional Regulation (IDFPR) Private Detective
- IL Dept. of Professional and Financial Regulation (IDFPR) Certified Firearms Instructor
- IL Dept. of Professional and Financial Regulation (IDFPR) Licensed Private Security Contractor
- IL Dept. of Professional and Financial Regulation (IDFPR), approved Basic 20-Hour Training Course
- IL Dept. of Professional and Financial Regulation (IDFPR), approved Armed 20-Hour Training Course
- IL Private Detective

- to immigration, money laundering, smuggling, trafficking, trade violations, and cyber security.
- With HSI, I was assigned to the National Security Investigations Division which consists of three principal components charged with securing the homeland: The Arms and Strategic Technology Investigations Unit (ASTI), the National Security and Threat Protection Unit (NSTP), and the Compliance Enforcement Unit (CEU).
- I have worked in all aspects of the National Security Investigative mission. I have identified, arrested, and prosecuted over fifty terrorist suspects for violations of Federal law. I have a 100% conviction rate on investigative cases presented and accepted for prosecution.
- I defined and set investigative goals; organized work and monitored progress of investigations; and effectively utilized limited time and resources. As a leader within my unit, I motivated fellow employees; shared information with others; supported other criminal investigators in their cases; supported management in passing work within the unit; and gave recognition to others who aided in my successes.
- Duties included: executing search and arrest warrants; serving subpoenas; managing confidential informants and cooperating private individuals; administering oaths; interviewing witnesses; interrogation of suspects; taking detailed written statements; writing detailed operational plans for undercover investigations; consensual monitoring, task force funding requests; managing buy money; created detailed reports describing investigative activities; testified in federal and state court proceedings; examination of fraudulent documents; taking exemplars for handwriting analysis; preserving physical evidence; conducting liaison with foreign embassies, local, state, and federal law enforcement agencies; marriage fraud investigations; and initiated removal proceedings against undocumented aliens.
- 
- **Special Agent** • United States Department of Justice, Chicago, IL
- 06/1988 – 03/2003
- The United States Immigration and Naturalization Service (INS) was a part of the United States Department of Justice and handled legal and illegal immigration and naturalization matters. It ceased to exist as a whole entity on March 1, 2003.
- I initiated, conducted, and managed complex undercover criminal fraud investigations involving multiple subjects in strict accordance with policy directives of INS. Advised and assisted the United States Attorney's Office in the preparation of criminal indictments against violators of Title

18 of the U.S. Code, discovering intelligence related to investigative efforts and forwarded it to the appropriate section.

### **Professional Affiliations**

- International Law Enforcement Educators and Trainers Association (ILEETA)
- International Association of Law Enforcement Firearms Instructors (IALEFI)
- Fraternal Order of Police (FOP)
- National Rifle Association (NRA)-Life Member
- Illinois State Rifle Association (ISRA)
- Federal Criminal Investigators Association (FCIA)
- Federal Law Enforcement Officers Association (FLEOLA)
- Fraternal Order of Police (FOP)
- International Police Association (IPA)
- ASIS International (ASIS)

### **Bar Admission**

**District of Columbia, 2012**

### **Education**

- **Mid-Atlantic School of Law, JD, 2010**
- **Chicago State University, MS, 1987**
- **State University of New York, Albany, NY, BS, 1983**

### **Languages**

Spanish, professional working proficiency

### **Clearance**

**Top Secret**

JUNE 28, 2019

# SUPPRESSOR FORENSIC ANALYSIS REPORT

ILLINOIS V. MARNI YANG – 09-CF-926

ARTHUR H. BORCHERS  
LARSEN FORENSICS & ASSOCIATES, INC.  
208 North Park Blvd., Glen Ellyn, Illinois 60137



Table of Contents	
Forward: Expert Disclosures .....	2
Qualifications of Witness: .....	2
Section 1: Opening .....	3
Compensation paid for study and testimony:.....	3
Section 2: Materials Reviewed .....	3
Section 3: Narrative / Discussion .....	4
Section 4: Background .....	4
Section 5: Range Testing.....	11
Section 6: Analysis and Conclusions.....	17
Section 7: Appendices .....	18
Appendix A: Curriculum Vitae .....	18
Appendix B: Royal Range USA Testing Result Photos.....	25
Appendix C – DVD with Royal Range USA and HDR Images .....	33

**Forensic Analysis Report**

In re appeal of  
**Illinois v. Marni Yang – 09-CF-926**  
resulting from an incident at  
**441 Elm Street, Unit #3B, Deerfield, Illinois**  
on  
**October 4, 2007 at 8:05 a.m.**

Forward: Expert Disclosures

The following Curriculum Vitae material is tendered at the outset of this report.

Qualifications of Witness:

I, Arthur H. Borchers, am a specialist in forensic investigation pertaining to crime scene, shooting incident and traffic crash reconstruction. As a forensic reconstructionist, I examine and evaluate evidence such as bullet holes, spent shell casings, bloodstain evidence, hairs and fibers, footwear impressions, vehicle damage and location, as well as Investigative case reports, notes, photographs, sketches, hospital and medical examiner's reports to assist in the reconstruction of a scene or event. On-site examination is an essential part of the reconstruction process where measurements, photographs and detailed diagrams are developed in support of the reconstruction process. These measurements and diagrams can assist in making determinations of bullet trajectories, shooter positions and vehicle speed and locations.

Forensic examination involves correlation and analysis of the information reviewed and developed to determine how an Incident occurred. In this matter, I correlated and analyzed the physical evidence photographs from the homicide scene; reviewed the evidence photographs submitted at trial; reviewed police reports; and conducted physical testing of a firearm in both its natural state and equipped with a suppressor.

Generally, special experience and training is required to perform such forensic analyses, correlations and make determinations. My curriculum vitae is included in Appendix A for a detailed listing of my work experience, training, classes/presentations, and publications and testimonial history. A short summary of my training and experience is provided below:

I began my law enforcement career with the Triton College Police Department in September 1980. While at Triton College, I took photography courses covering composition, use of light for exposure and darkroom development of film and photographs. In December 1982, I joined the Oak Park Police Department (OPPD). In 1985, I became an evidence technician responsible for processing crime scenes, recovering physical evidence, investigating serious personal injury traffic crashes and using photography to document much of my work.

In 1995, I completed the FBI instructor development course and began teaching various topics including evidence, traffic crash, report writing, firearms and use of force topics.

In 2002, I was promoted to sergeant and assumed supervisory responsibilities in the Patrol Division. There I responded to emergency calls for service that required direction and allocation of street personnel, performed Administrative Notification of significant incidents, investigated officer-involved traffic crashes



for violation of Department policy and rules and made recommendations for recognition or discipline for officer actions as each situation warranted. I returned to the detective division in 2005 where I had direct supervision of a squad of Detectives and Street Crimes officers and indirect supervisory duties of the OPPD's evidence technicians and the evidence storage vault.

In 2008, I started my own crash reconstruction firm: Wreck Technology. I retired from the OPPD in January 2013 and joined Larsen Forensics and Associates where I continue to be involved with traffic crash, crime scene and shooting incident reconstruction. My photography training covers a broad range of skills that allow me to review evidence, process photos to reveal hidden detail, use photogrammetry to measure and map scenes in 3D based on photographs. My firearms training gives me a background in ballistics, weapon function, training and usage issues. My crash reconstruction training involves looking at the physical properties and behavior of objects, studying the time, motion of objects and human factors including perception and response issues, potential impairment due to alcohol or drugs and apply commonly accepted physics principles and mathematical analyses to an event. Due to my association Larsen Forensics & Associates, (herein after "LFA") I have assisted in teaching the Bullet Trajectory Reconstruction course at the Suburban Law Enforcement Academy (SLEA) at the College of DuPage (COD) in Glen Ellyn, Illinois. In January 2017, I became an Adjunct Instructor at SLEA. In January 2017, I also became an Instructor for Laser Technology, Inc., a manufacturer of laser measuring equipment, in their Law Enforcement Sales Division.

#### Section 1: Opening

On June 20, 2017, LFA began a review of this matter after receiving documents and photographs from Tammy Koelling. This report is divided into multiple sections to more easily break down the events.

Compensation paid for study and testimony:

An hourly rate of \$150 per hour for case related work plus reasonable expenses was established for this study.

#### Section 2: Materials Reviewed

In preparing this report, I examined and reviewed some or all the following documents and materials:

- Deerfield Police Department and Lake County Major Crimes Task Force crime scene photographs IMG\_2180.JPG to IMG\_2374.JPG (non-sequential) and autopsy photos 07-15329.JPG to 07-15329 (159).JPG
- Various Deerfield Police Department and Lake County Major Crimes Task Force police and crime lab reports.
- Larsen Forensics & Associates photographs IMG\_0001.jpg to IMG\_0776.JPG taken on March 22 & 23, 2018 at the Lake County Clerk's Office.
- Firearm Sound Suppression: Nature and Measuring of Firearm Sounds.pdf, Dater, Philip H., LMO Training, Henderson, Nevada, ©2014, Antares Technologies, Inc., Accessed July 14, 2018.
- CFD (Computational Fluid Dynamics) Application to Gun Muzzle Blast – A Validation Case Study, Cler, Daniel L.; Chevaugeon, Nicolas; Shephard, Mark S.; Flaherty, Joseph E.; Remacle, Jean-Francois; 41<sup>st</sup> AIAA Aerospace Sciences Meeting & Exhibit; Reno, Nevada; January 6-9, 2003. Accessed July 14, 2018.

- Propagation, Measurement and Assessment of Shooting Noise; Markula, Timo, Master's Thesis submitted in partial fulfillment of the requirements for the degree of Master of Science in Technology, TEKNILLINEN KORKEAKOULU, Department of Electrical and Communications Engineering, Laboratory of Acoustics and Audio Signal Processing; Espoo, May 8, 2006. Accessed July 14, 2018
- Photographs and video taken at the Royal Range USA in Nashville, Tennessee on May 16, 2018 of firearm and suppressor testing.

### Section 3: Narrative / Discussion

During the trial of Marni Yang, prosecutors advanced the theory that during the murder of Rhoni Reuter a "silencer" was affixed to the firearm used. The apparent basis for this reasoning was that:

- 1) Yang was known to have owned a Beretta Model 92 9mm pistol;
- 2) Yang possessed two books on the construction of "silencers."
- 3) Yang was alleged to have purchased materials that purportedly could be assembled into a "silencer" at Home Depot. These include a length of PVC (polyvinyl chloride) pipe, duct tape,

Before continuing, the term "silencer" is a misnomer. First and foremost, a "silencer" does not silence the report of the firearm. The device merely suppresses or reduces the sound of the shot being fired functioning like a muffler on an automobile. The effectiveness and reliability of the device is highly dependent on the construction and the materials involved.

This report will examine the existing forensic evidence and compare it against the evidence generated during testing of a 9mm firearm fired with and without a suppressor. **Based on testing, the forensic evidence does not support the proposition that a "silencer" or suppressor was used on the firearm that killed Rhoni Reuter and her unborn child. Further, based on the design aspects of the suggested improvised silencers neither of the units could have been mounted on a Beretta 92 style pistol.**

### Section 4: Background

When a handgun or rifle is fired there are potentially three distinct noises related to the weapon discharge. First, is the mechanical noise of the firearm cycling either manually or mechanically reloading in preparation for firing a subsequent cartridge. Second, is the sonic crack of a bullet in flight that is traveling faster than the speed of sound, approximately 1,051 to 1,160 feet per second depending on ambient temperature. Third, and the only aspect where a suppressor is effective, is the sudden release of hot highly pressurized gas and burning powder that propels a bullet out of a gun's barrel commonly referred to as "muzzle blast." The "muzzle blast" also releases light from the burning gases, unburnt powder and other combustible materials in the exhaust mixing with oxygen in the air called "muzzle flash."

To be clear, when a cartridge is fired, the process initiated by a firing pin striking the primer on the end of the cartridge case is not a "detonation" meaning a supersonic event. The spark made by the cartridge primer material igniting, starts the encased powder charge burning at a controlled albeit very rapid rate called "deflagration." The burning process in deflagration occurs at subsonic velocity. If a detonation or supersonic ignition were to occur in a firearm, it would likely cause the weapon to blow apart. The amount of time involved from the firing pin strike to the bullet exiting the barrel is approximately one millisecond

(0.001 second). This time is dependent on additional factors beyond the scope of this examination to include barrel length and powder burn rate.

The “slower” powder burning creates heated gases that first cause the cartridge case to expand in all directions and contact the confining walls the weapon’s chamber. Next, the gases acting on the base of the bullet begin to push the bullet out of the cartridge case and into the barrel along the path of least resistance. The bullet rapidly accelerates as the gas pressure increases eventually leaving the muzzle of the barrel followed by a mixture of heated gas, burning and unburned propellant powder. Unlike the bullet, which follows a relatively straight flight path imparted to the barrel, the heated gas and burning powder radiate out in all directions expanding and cooling until both the pressure and temperature reach ambient conditions.

As the building pressure pushes the bullet out of the barrel, the pressure is also pushing on the structures of the firearm equally and in opposition to the path of the bullet. If the firearm is capable of movement, this recoil action may be used to extract the now empty cartridge case, recock the firing mechanism and push the slide back compressing a recoil spring. When the slide reaches the limit of its travel and starts moving forward during the uncompressing of the recoil spring, the slide will strip a fresh cartridge, if present, out of a magazine and load that new cartridge into the firing chamber readying the firearm to shoot again. The hot gas release from the muzzle is what causes much of the loud report of the shot fired. The report of the burning gases suddenly being exposed to oxygen can be likened to when a cork is released from the champagne bottle; the contained, compressed gas rapidly releases into the atmosphere. A suppressor dramatically limits and slows the expansion of heated gas over a relatively longer period much as a towel wrapped around the champagne bottle when the cork is slowly wiggled out. The result is a much quieter “pop.”

To understand the process taking place in a suppressor, one must look at the internal design. All suppressor units have a hole, slightly larger than the diameter of the bullet being fired that extends and mirrors the straight path of the barrel bore. This straight path does allow some of the hot gases directly behind the bullet to escape into the atmosphere. The remaining gas that would normally be expanding in all directions is instead first contained inside an expansion chamber. (See figures 1 & 2). This first chamber, while comparatively small, is still larger in volume than the barrel. After the first chamber, there are additional chambers and baffles inside the suppressor body. The expanding gas is slowed and cooled as it flows from chamber to chamber.

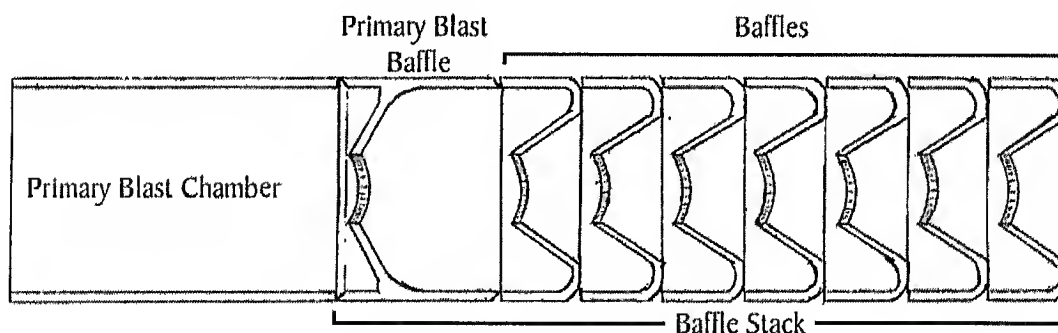
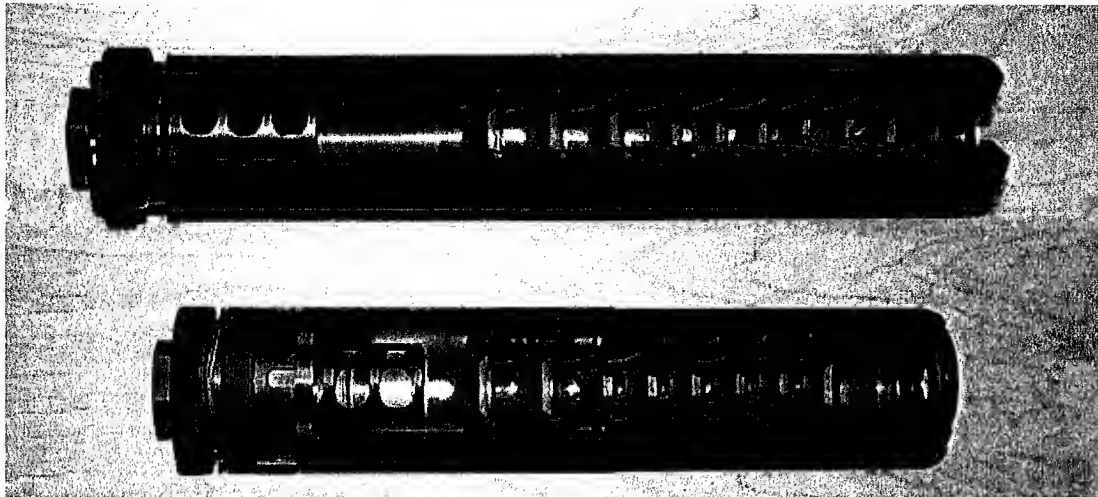


Figure 1 – Basic Suppressor Design



**Figure 2 – Inside view of actual suppressor**

As when water tries to flow out of a bathtub when the drain valve is opened, the suppressor acts as a constrictor in the flow of the gas out of the barrel. With the hot gases and burning powder substantially contained, the noise associated with muzzle blast and the light of muzzle flash is reduced but not eliminated. As can be seen in Figures 3A and 3B, a normal muzzle flash is highly reduced by the suppressor. The muzzle flash reduction also reduces the sound of the shot.



**Figure 3A – Unrestricted Muzzle Flash**

**Figure 3B – Suppressed Muzzle Flash**

Ownership, possession and manufacture of firearms suppressors are federally regulated under the direction of the Bureau of Alcohol, Tobacco, Firearms and Explosives. Legally, suppressors are treated the same as firearms in that they must have a serial number and one must go through a background check to possess or manufacture one. Possession and manufacture of a suppressor without the requisite federal license is a felony offense. Illinois is one of several states that prohibit private ownership of suppressors.

A suppressor is attached to a pistol with the use of a modified barrel that is longer than an original equipment barrel. (See Figure 4) The suppressor is attached by screw threads machined onto the end of the barrel. These threads add approximately  $\frac{1}{2}$ " inch to the overall length of the barrel. (See Figure 4 & 6) Figures 7 & 8 depict a similar Glock 17 with a standard barrel in a slide-lock and standard configuration. Note the clear difference in barrel length. The standard barrel does not extend beyond the end of the slide.



Figure 4 – Glock 17 pistol used for testing without suppressor  
(Note: Threaded extended barrel)

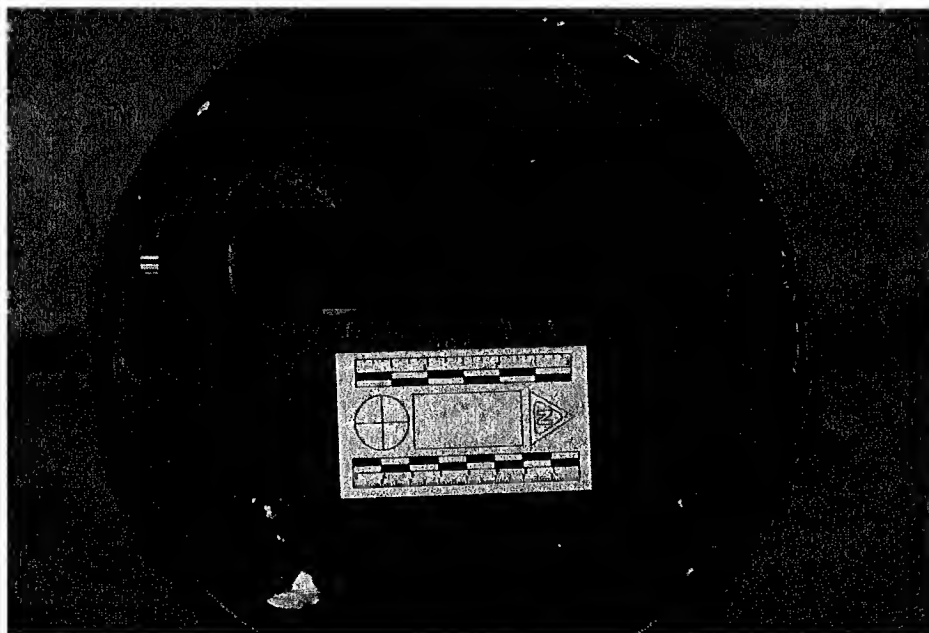


Figure 5 – Gemtech Suppressor

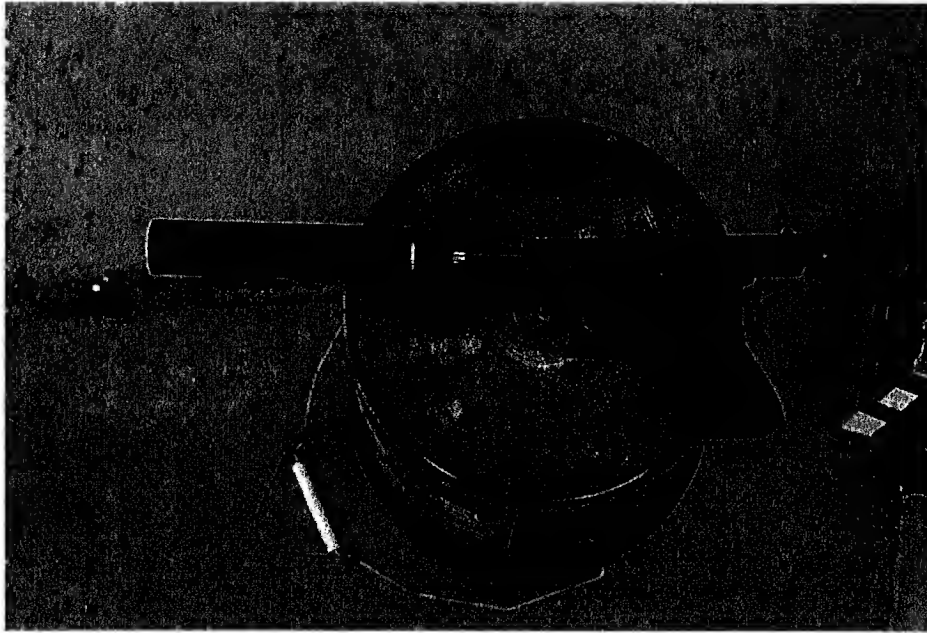


Figure 6 – Assembled pistol & suppressor

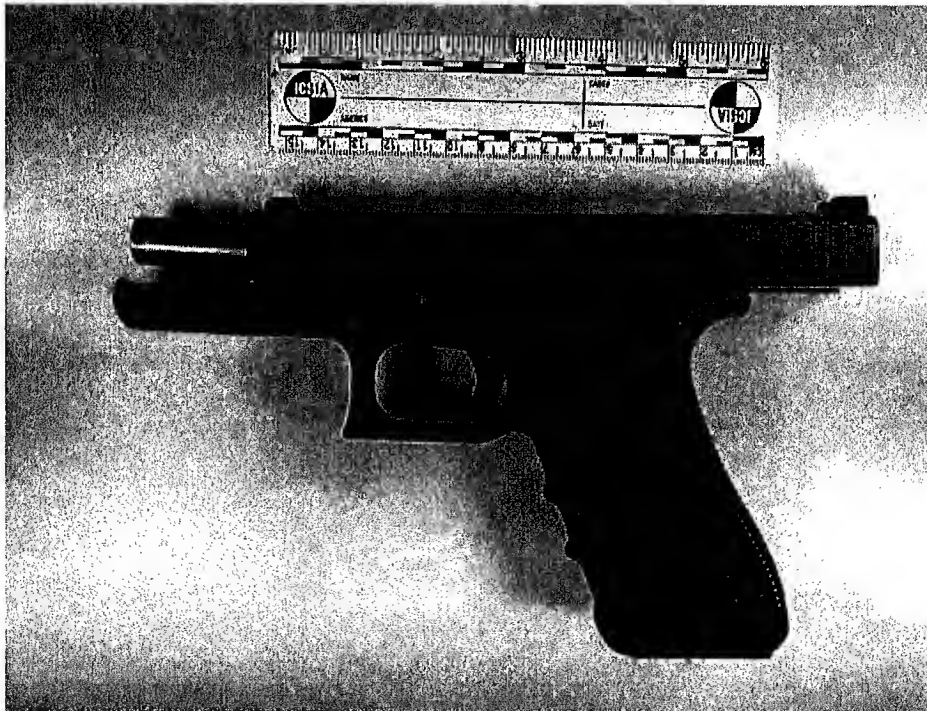


Figure 7 – Standard model Glock 17 barrel with locked open slide

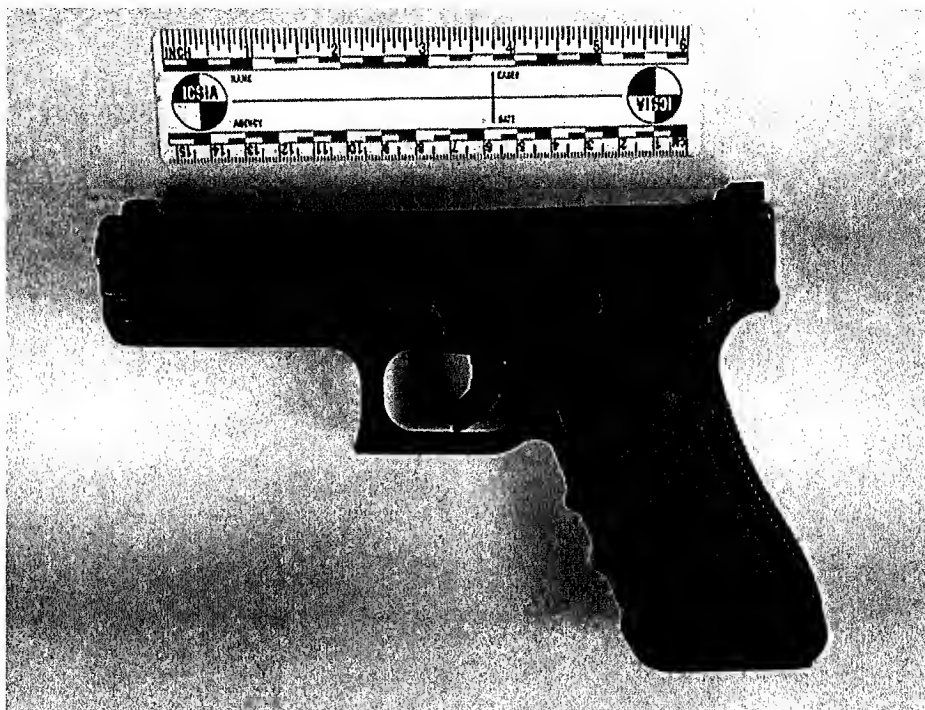


Figure 8 – Standard model Glock 17 barrel with closed slide

Figures 9, 10 and 11 depict a Beretta 92 like the one owned by Marni Yang. Figure 11 is a close-up view of the barrel extension beyond the slide assembly with a scale revealing the distance to be approximately 5/16 of an inch. The smooth surface of the barrel would not allow attachment of an Improvised suppressor as illustrated in the How to Make Disposable Silencers: A Complete Guide used by the prosecution at trial. People's Exhibits 313 and 314 which depict a "Pipe Silencer" and a "Bottle Cap Silencer" respectively would not function on the Beretta 92 style pistol as there is insufficient space at the end of the barrel to attach the device.

Figure 12 depicts a Beretta 92 with a threaded barrel capable of mounting a suppressor. The exact barrel length of this example is unknown. The barrel length of the standard configuration barrel is 4.9 inches. Threaded barrels for the Beretta 92FS vary in length from 4.9 to 5.36 inches.



Figure 9 – Beretta 92 standard barrel with locked open slide



Figure 10 – Beretta 92 standard barrel with closed slide



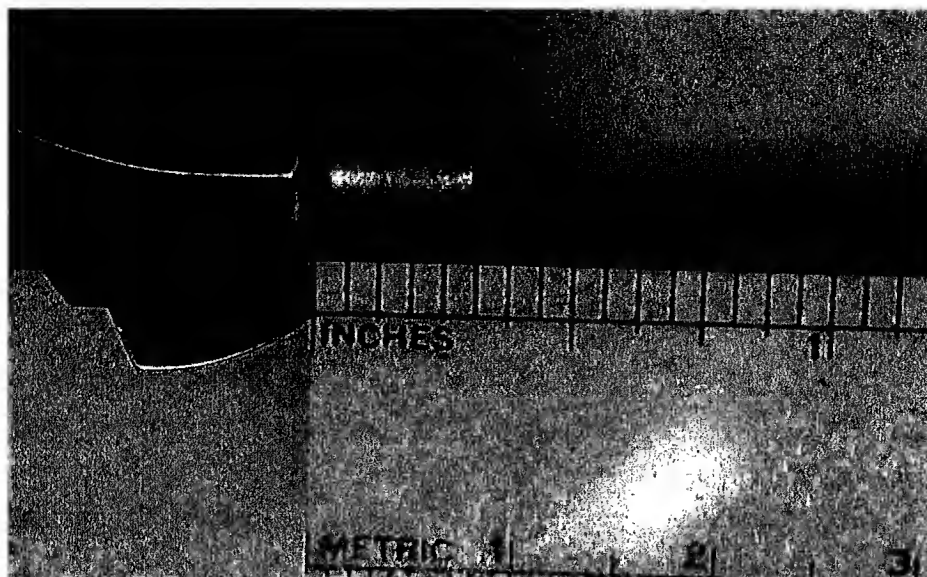


Figure 11 – Length of Beretta 92 FS barrel beyond slide assembly



Figure 12 – Beretta 92 with threaded barrel (under protective collar)

#### Section 5: Range Testing

On May 16, 2018, at the Royal Range USA, 7741 US-70S, Nashville, Tennessee, I conducted testing of a Glock 19 semiautomatic pistol with and without a Gemtech Multimount 9mm suppressor serial number S15-83499 attached. (See Figures 4, 5 and 6) Shots were fired through black polyester fabric into two reams of paper taped together at contact, six and twelve-inch muzzle distances. The testing used Sig Sauer 9mm 124 grain jacketed hollow point ammunition. The testing was recorded at 60 frames per second with two tripod mounted Canon digital cameras. Photographs and video recordings of the testing are included

on the attached DVD. Photos of the fabric pieces are included on both the DVD and in Appendix B. The testing conducted consisted of a total of thirteen (13) shots fired; seven (7) shots with the suppressor mounted on the pistol and six (6) shots unsuppressed. Shot sequence is listed in Table 1 below.

Shot #	Description
1	Fired over block to show muzzle flash with suppressor
2	Contact shot into angled block with two fabric layers with suppressor
3	Contact shot into angled block with one fabric layer with suppressor
4	Contact shot into block with "Z" folded fabric layers with suppressor
5	Contact shot straight into block with suppressor
6	Approx. 6" distant shot straight into block with one fabric layer with suppressor
7	Approx. 12" distant shot straight into block with one fabric layer with suppressor
8	Fired over block to show muzzle flash without suppressor
9	Contact shot into angled block with one fabric layer without suppressor
10	Contact shot into angled block with "Z" folded fabric without suppressor
11	Contact shot straight into block with one fabric layer without suppressor
12	Approx. 6" distant shot straight into block with one fabric layer without suppressor
13	Approx. 12" distant shot straight into block with one fabric layer without suppressor

**Table 1 – Shot sequence listing**

The contrasting results of the contact shots can be seen in the fabric samples in Figures 13 & 14 below. Figure 13 shows that the reduction of muzzle blast gases leaves the fabric relatively intact. Figure 14 shows that the unrestricted muzzle blast gases cause significant tearing, stretching and distortion of the fabric. Figures 15 & 16 demonstrate that even a small distance between the muzzle and the fabric leaves the fabric relatively intact with only the bullet penetration hole as damage much like Figure 13. However, gunshot residue is visible in Figure 15 as evidenced by the speckled light-colored debris left on the cloth material. A suppressor's reduced muzzle blast and flash effects are nearly indistinguishable from that of entry holes from even short distances where unrestricted muzzle blast does not come into play.

The photographs in Figures 13 to 16 are composite high dynamic range (HDR) images of three individual photographs taken with +2 stops exposure, normal exposure and -2 stops exposure. They were then combined with Photomatix Pro version 6.1 by HDRSoft using the "Balanced" preset to provide most natural appearance in the final image. The HDR image provides better overall clarity for these images. The original and combined images are included on the Appendix C DVD.

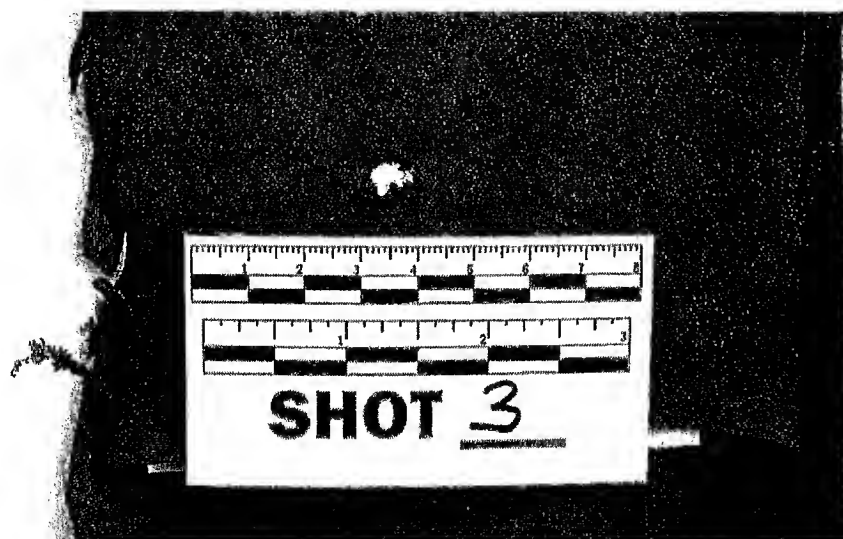


Figure 13 – Img\_0025\_6\_7.jpg – Contact Shot Suppressed

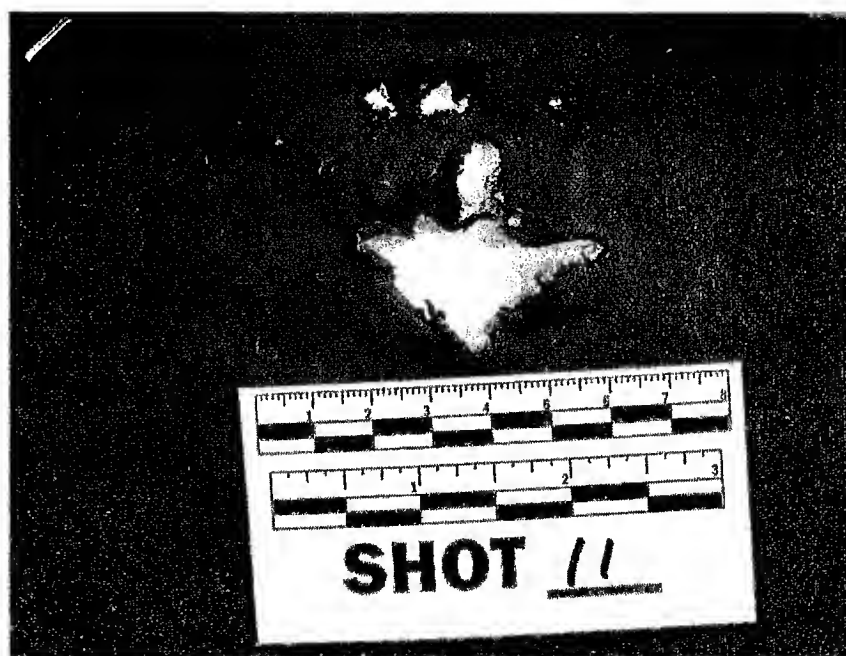


Figure 14 – Img\_0076\_7\_8.jpg – Contact Shot Unsuppressed

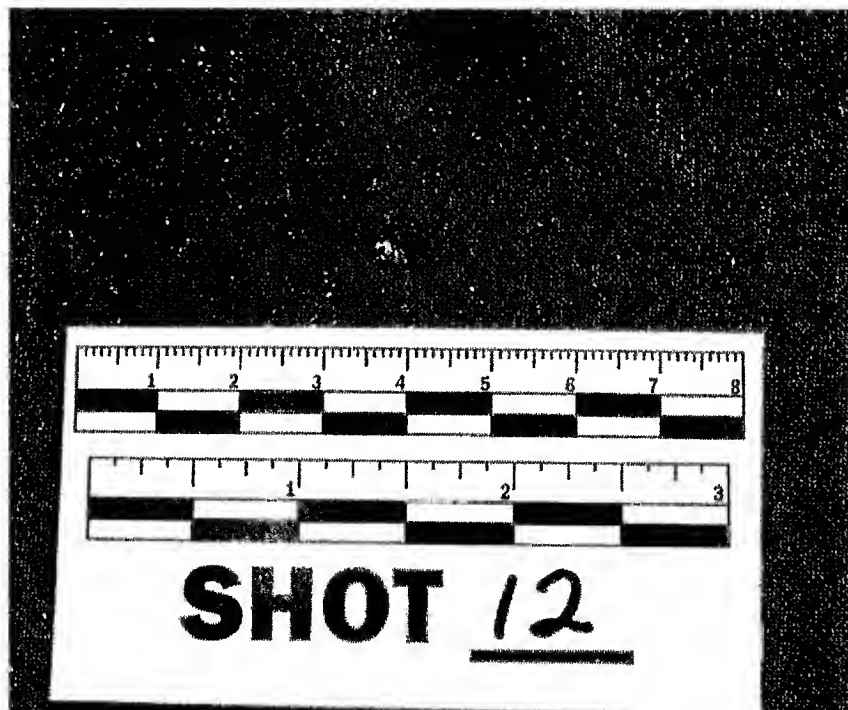


Figure 15 – Img\_0082\_3\_4.jpg – 6" Distant without Suppressor  
(Note concentrated light color speckled gunshot residue.)

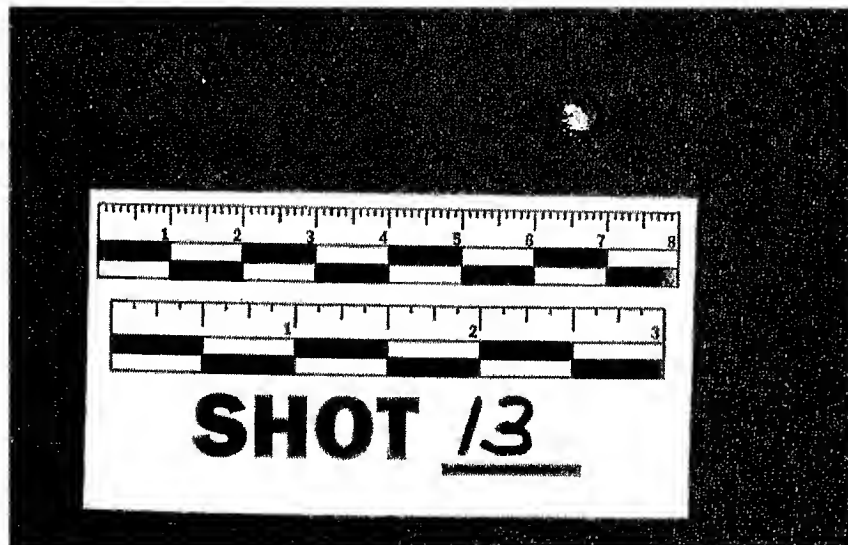


Figure 16 – Img\_0088\_89\_90.jpg – 12" Distant without Suppressor  
(Note dispersed light color speckled gunshot residue.)

In reviewing the Deerfield Police Department and Lake County Major Crimes Task Force crime scene and autopsy photographs, I noted several images depicted in Figures 17, 18, 19 & 20 below. The bullet entry

holes in the Victim's clothing in Figure 17 are similar in appearance to Figures 13, 15 & 16 above. However, similarity to Figure 17 is not proof of suppressor use, just little to no muzzle blast effect on the cloth.

The bullet entry in Figures 18, 19 & 20 is in the victim's upper left chest (Autopsy Report Wound "B"), traversed into the left upper arm and exited in the front left upper arm. This entry wound is oval indicating a right to left angled trajectory across the body. The black soot at the margins of the entry wound indicate a contact or near contact firing distance. The stretching and tearing of the victim's beige knit top in Figures 18 & 19 is clearly visible and supports contact or near contact firing distance of an unsuppressed pistol when compared to Figure 14 above.

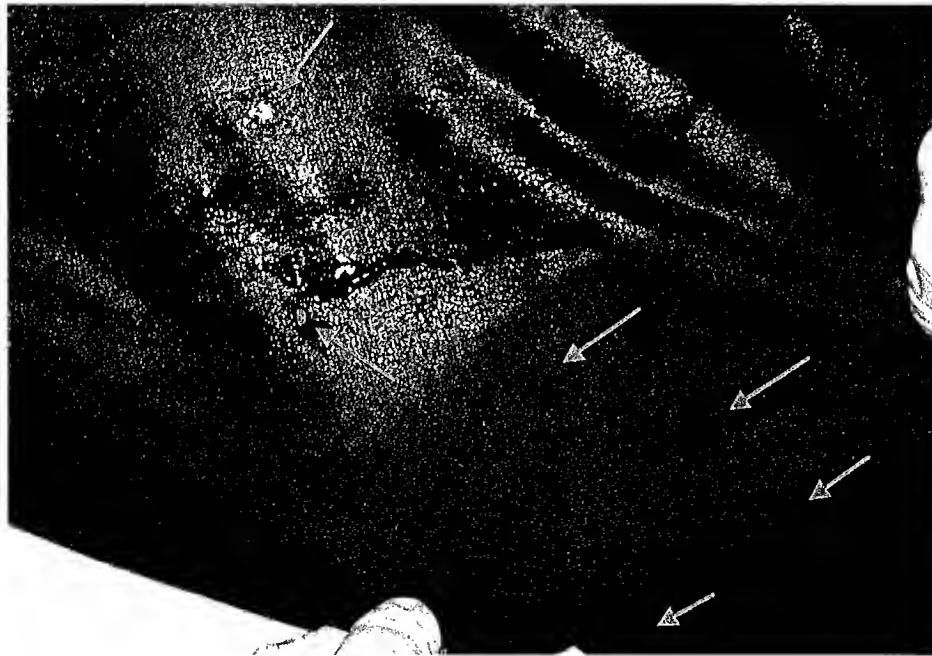


Figure 17 – IMG\_2353.JPG  
(Yellow arrows indicate apparent bullet holes in garment.)



Figure 18 – IMG\_2356.JPG



Figure 19 – 07-15329 (17).JPG



Figure 20 - 07-15329 (31).JPG

#### Section 6: Analysis and Conclusions

A design function of a firearm suppressor is to reduce the noise and flash created by the sudden release of hot gas and burning gunpowder after the bullet leaves the muzzle. The unchecked hot gas and burning powder of an unsuppressed firearm can stretch, tear and melt clothing fibers and skin when fired in close proximity as well as deposit soot and other residues on a target medium.

The design of the Beretta 92 includes a reciprocating slide responsible for unloading a fired cartridge, cocking the hammer and then loading a new cartridge into the pistol during its movement. The barrel of a Beretta 92 extends approximately 5/16 of an inch (0.312") beyond the end of the slide. A standard Beretta 92 barrel is relatively smooth and incapable of accepting an improvised suppressor of any design like those illustrated in the How to Make Disposable Silencers: A Complete Guide recovered from Marni Yang. Those designs included in the book require a substantial amount of barrel real estate away from the moving portions of a firing pistol and a fixed front sight as an anchor. Use of the front sight and slide on a Beretta 92 style pistol as an anchor would eliminate semi-automatic pistol function and limit potential firing to one round.

Based on the appearance of the victim's beige shirt in Figures 18 & 19 and the appearance of the entry wound in Figure 20 when compared to the results of the testing image in Figure 14, it is my considered opinion that there is no forensic evidence to support the theory that a suppressor or "silencer" was used on the firearm that shot Rhoni Reuter on October 4, 2007.

This report may be subject to revision should additional information or evidence become available.

Respectfully submitted,

Arthur H. Borchers

Section 7: Appendices

Appendix A: Curriculum Vitae

**Arthur H. Borchers, ACTAR**

Wreck Technology, Inc. / Larsen Forensics & Associates, Inc.  
Traffic Crash Reconstruction / Crime Scene Forensics & Reconstruction

**Professional Profile:**

Mr. Borchers provides expert technical consulting services based on over thirty-two years of law enforcement, firearms, ballistics, crime scene forensics, investigative and traffic crash reconstruction experience. Mr. Borchers has displayed his training and knowledge in presenting thorough and professional training programs. Mr. Borchers is experienced in photogrammetry analysis and was the Oak Park Police Department's first Illinois and nationally certified Crash Reconstructionist and is the recipient of seventeen Department Citations and numerous letters of appreciation in recognition of professional skill and dedication from the Chief of Police, citizens and outside agencies. As an expert witness, he has testified in criminal and civil courts and been involved in numerous depositions.

**Areas of Expertise:**

*Specific experience includes:*

- Vehicle Crash Reconstruction
- Shooting Incident and Ballistic Reconstruction
- Firearm Safety & Use of Force Education / Analysis
- Crime Scene Investigation
- Photogrammetry Analysis for Map, Diagram and 3D Model Creation
- Forensic photography

**Education:**

- Bachelor of Science, Law Enforcement Administration, Western Illinois University
- Associate of Science, Police Science, Triton Community College

**Licenses / Certifications:**

- Basic Pistol Instructor & Range Safety Officer, National Rifle Association
- Registered Firearm Instructor, State of Illinois, Department of Financial and Professional Regulation
- Illinois Concealed Carry Firearms Instructor, Illinois State Police
- Accredited Traffic Accident Reconstructionist, Accreditation Commission for Traffic Accident Reconstruction (ACTAR #336)
- Accident Reconstruction Specialist, Illinois Local Government Police Training Board
- Police Pistol, Shotgun and Rifle Instructor, Illinois Law Enforcement Training and Standards Board



**Work History:**

**Larsen Forensics & Associates, Inc**  
Glen Ellyn, Illinois, 2013 to Present

**Forensic Consultant,** Conduct shooting incident and traffic crash reconstructions, examine the complex and confusing human dynamics of force incidents to accurately interpret these encounters, ensure complete investigations, develop accurate representations of controversial and emotional events using modern forensic methods, current biomechanical research, photogrammetric analysis from scene images and then present findings in simple, common terms and testify as needed.

**Wreck Technology, Inc.**  
Berwyn, Illinois, 2008 to Present

**Forensic Consultant,** Conduct traffic crash reconstructions using principles of mathematics, physics and biomechanics to determine the true nature of a collision event; conduct complete forensic investigations; analyze scene photographs and develop accurate three-dimensional scene maps and diagrams, and then report findings in comprehensive detail and testify as needed.

**Laser Technology Incorporated,**  
Centennial, Colorado, January 2017 to Present

**Midwest Region Law Enforcement Mapping Instructor,** Train new Law Enforcement agency clients on TruePoint 300 and TruePulse hardware and QuickMap 3D and IMS Map 360 software systems for crime and crash scene mapping.

**Suburban Law Enforcement Academy, College of DuPage**  
Glen Ellyn, Illinois, January 2017 to Present

**Adjunct Faculty,** Develop, present and assist with various law enforcement continuing education classes offered by the Academy including but not limited to Ballistic Trajectory Reconstruction.

**Oak Park Police Department**  
Oak Park, Illinois, 1982 to 2013

**Acting Watch Commander / Sergeant, Patrol Division.** Direct supervisor for daily shift of nine to seventeen patrol officers and sergeants. Prepared daily and monthly work schedules for proper staffing levels; prepared shift Operational Plans to address continuing and emerging crime patterns; monitored officer daily activity and productivity reports; approved arrest reports to ensure probable cause and appropriate charge application; investigated officer involved traffic crashes and uses of force for policy conformance; recommended awards and discipline for officer actions; and responded to major events taking incident command while making appropriate administrative notifications to superior officers.

**Sergeant, Investigations Division.** Direct supervisor for five detectives, three tactical officers and Department Evidence Custodian. Maintained sex offender registration records. In major crime incidents, responded to and relieved the Watch Commander, taking overall control of the scene, coordinated evidence processing and investigation of the incident. Reviewed latent fingerprint

evidence from crime scenes, submitted suitable latent images to the FBI IAFIS system for potential identification utilizing the Universal Latent Workstation system.

**Sergeant, Patrol Division.** Conducted investigations into officer conduct and recommended Department recognition or discipline as appropriate. Monitored officer daily activity; responded to priority incidents ensuring proper and safe delivery of police services. Fielded citizen complaints regarding police service and officer activity; investigated and reported to Department Administration on findings with recommended action. Selected as an original member of the Special Response Team and later served as team Administrative Supervisor and Training Safety Officer.

**Detective, Investigations Division.** Conducted follow-up investigations on crime reports, analyzed and developed evidence to support an arrest as the situation warranted. Appointed as Department Range Master, responsible for the inventory and maintenance of all Department-owned weapons, coordination of all firearms training, firing range maintenance, Range budgeting and supply purchasing. Responsible for two revisions of *"Firearms Task Specific Manual"*; updated and revised Department *"Use of Force"* and *"Deadly Force"* Policies. Presented annual in-service training on use of force in both classroom and scenario-based formats. Certified armorer for AR-15/M-16 rifles, Sig-Sauer and Glock pistols. Initiated computer technology improvement for the Investigations Division moving investigative report writing from mainframe to desktop computers. As senior detective acted as nominal unit supervisor as needed. Conducted review of new crime reports, assigned critical reports for immediate follow-up investigation and coordinated unit activities with Patrol Division Watch Commander as needed.

**Evidence Technician, Investigations and Patrol Divisions.** Wrote Department General Order "Crime Scene Responsibilities." Investigated and photographed serious personal injury traffic crashes, conducted technical follow-up investigations and mathematical traffic crash reconstruction and analysis. Department's first Illinois and nationally certified Traffic Crash Reconstructionist. Processed crime scenes for physical evidence, photographed, recovered and inventoried evidence for later court presentation. Acknowledged as an expert witness in Cook County criminal court as both an Evidence Technician and Crash Investigator. As a Detective, was responsible for the coordination of evidence processing services at major incident crime scenes. Prepared yearly budgets and purchased all Evidence Technician Unit supplies.

**Police Officer, Patrol and Investigations Divisions.** Illinois Law Enforcement Training and Standards Board certified instructor for Firearms (Pistol, Rifle and Shotgun), Firearm Training Simulator (FATS III), Evidence and Crime Scene Processing, Traffic Crash Investigation, Crime Scene Drawing and Report Writing. Served for two years on the Illinois Law Enforcement Training and Standards Board Crash Reconstruction Advisory Committee assisting in reviewing the reconstruction certification test. Member of the department Instructor Group serving as needed.

#### **Triton College Police Department**

River Grove, Illinois, 1980 to 1982

**Police Officer,** Primary response unit for police and security services on a community college campus with a population of over 23,000 students. Responsible for training, supervision and scheduling of twelve Cadet Dispatchers and Public Safety Officers.

**Illinois Tactical Academy, LLC**

Oak Brook Terrace, Illinois, 2013 to 2014

**Firearm Instructor**, Developed and conduct Illinois State Police and NRA approved concealed carry licensing and firearms training. Monitored and updated curriculum for conformance with relevant changes in Illinois law and procedures. Wrote an original Illinois Concealed Carry License student manual covering the legal precedent applicable to civilian use of force in defense of the person, defense of the home and defense of property in the State of Illinois, the constitutional issues, the restrictions and regulations of the CCL and FOID laws, as well as firearm storage requirements.

**Continuing Education / Additional Training:**

**Federal Bureau of Investigation**

- Instructor Development (40 hours)
- Firearm Instructor (40 hours)
- Basic SWAT Officer (40 hours)
- Surveillance Techniques (8 hours)
- Semi-Automatic Firearm Transition (16 hours)

**Illinois State Police / Illinois Department of Public Health**

- Horizontal Gaze Nystagmus & Field Sobriety Testing (24 hours)
- Breath Alcohol Operator (40 hours)

**Northwestern University Traffic Institute / Center for Public Safety**

- At-Scene Accident Investigation (80 hours)
- Technical Accident Investigation (80 hours)
- Vehicle Dynamics (40 hours)
- Accident Investigation Photography (40 hours)
- Traffic Accident Reconstruction I (80 hours)
- Traffic Accident Reconstruction II (40 hours)
- 13<sup>th</sup> Vehicular Homicide / DUI Conference (32 hours)
- Microcomputer Assisted Traffic Accident Reconstruction – EDCrash (Engineering Dynamics Corporation Reconstruction of Accident Speeds on the Highway) (40 hours)
- Supervision of Police Personnel (80 hours)
- Advanced Crime Scene Technology (40 hours)
- Blood Stain Evidence Workshop (40 Hours)

**University of North Florida Institute of Police Technology & Management**

- Special Problems in Traffic Accident Reconstruction – 2013 (40 hours)
- Energy Methods and Damage Analysis for Traffic Crash Reconstruction (40 hours)

**Texas A&M University Engineering Extension Service**

- Biomechanics for Accident Reconstruction (40 hours)
- Crush Analysis Workshop (16 hours)

University of Illinois Police Training Institute

- Basic Academy Training (240 hours)
- Police Tactical Firearms (40 hours)

North East Multi-Regional Training, Inc.

- Basic Evidence Technician, (80 hours)
- Forensic Entomology: Evidence from Death Scenes (8 hours)
- Firearms Instructor (40 hours)
- Police Carbine/Rifle (24 hours)
- Police Carbine/Rifle Instructor (40 hours)
- Firearms Training System Instructor (FATS III) (32 hours)
- Interviewing & Interrogation (16 hours)
- Death Investigation Seminar (16 hours)
- Basic Homicide/Crime Scene Investigation (8 hours)

Other Professional Training

- *Force Science Analyst Certification Course*, Force Science Institute (40 hours)
- *Shooting Incident Reconstruction*, Bevel, Gardner & Associates (40 hours)
- *Bullet Trajectory Reconstruction*, Suburban Law Enforcement Academy (16 hours)
- *Pistol Armorer*, Sig Arms (8 hours)
- *Pistol Armorer*, Glock (8 hours)
- *AR-15 Armorer*, Armalite (8 hours)
- *Law Enforcement Training Camp*, Action Target, Provo, Utah (64 hours over two years)
- *Range Master Course*, Action Target (40 hours)
- *Mid-Range Rifle*, Thunder Ranch, Lakeview, Oregon, (24 hours)
- *Urban Precision Rifle*, Thunder Ranch, Lakeview, Oregon (24 hours)
- *-INPUT-ACE Video Analysis Course*, -INPUT-ACE, (16 hours)
- *SAGE Less-Lethal Instructor & Armorer Program*, SAGE International, Inc. (24 hours)
- *Simunition® Supervisor Safety and Training Course*, Simunition (24 hours)
- *Interviewing & Interrogation*, John Reid & Associates (24 hours)
- *International Law Enforcement Educators and Trainers Association Annual Conference*, (64 hours over two years)
- *Illinois Association of Technical Accident Investigators Annual Conference*, 1993 to present; 2005, 2007, 2012 & 2017 omitted
- *International Association of Crime Scene Investigators Annual Conference*, 2014, 2016, 2017 (Presenter) & 2018
- *Quickmap / Introduction to AutoSketch*, Laser Technology, Inc. (8 hours)
- *Laser Mapping & CAD Zone*, Laser Technology, Inc. (16 hours)
- *Acceleration & VC-2000*, Vericom Computers (8 hours)
- *Crash Data Retrieval – Operator Course*, Collision Safety Institute / Vetronix, Inc. (32 hours)

**Professional Affiliations:**

Member, Past Secretary and Past President, Illinois Association of Technical Accident Investigators  
Member, National Association of Professional Accident Reconstruction Specialists  
Member, International Association of Identification  
Member, Illinois Division International Association of Identification

Member, International Crime Scene Investigators Association  
Member, Association for Crime Scene Reconstruction  
Member, International Law Enforcement Educators and Trainers Association  
Member, International Association of Law Enforcement Firearm Instructors  
Member, Professional Photographers of America  
Member, Past Secretary and Past Treasurer, Fraternal Order of Police, Oak Park Lodge #8  
Member and Range Safety Officer, Aurora Sportsman's Club  
Life Member, National Rifle Association

**Publications:**

- Handguns: Range of Fire and Gunpowder Stippling, *Evidence Technology Magazine*, Volume 11, Number 1, January-February 2013 with John Louis Larsen
- Universal Latent Workstation Goes to Work for Local Agencies, *Evidence Technology Magazine*, Volume 11, Number 3, May-June 2013
- Illinois Concealed Carry Licensing: Day 2® (8 hours), November 1, 2014
- HDR for Crime Scene Photography, *Evidence Technology Magazine*, Volume 15, Number 4, Winter 2017 with Sanford Welss

**Presentations:**

- Suburban Law Enforcement Academy, *Bullet Trajectory Reconstruction* (with John Louis Larsen), April 2015, November 2016 & April 2016
- International Crime Scene Investigators Association Conference, *Photogrammetry*, June 2017
- Illinois Association of Property and Evidence Managers: *Basic Photogrammetry*, April 2015; *FBI 12 Step Protocol / Mock Shooting Scene*, April 2016; *Forensic Use of Photoshop*, April 2018
- Cook County State's Attorney's Office Seminar Series, *Crime Scene Update*
- Oak Park Police Department Annual In-Service Training
  - *Police Report Writing* (14 hours)
  - *IWIN / CABS Live-Scan Training* (14 hours)
  - *Rapid Deployment – Active Shooter Training* (56 hours)
  - *"Deadly Action: In Your Face" Police Close Quarter Shooting Skills* (56 hours)
  - *"Police Force" Deadly Force Scenario & Use of Force Report Writing* (56 hours)
- Oak Park Citizen's Police Academy
  - *Crash Investigation & Crime Scene Processing* (12 hours over three years)
- Oak Park Police Department Evidence Technician In-Service
  - *Crash & Crime Scene Measuring & Mapping – Introduction to CrashZone* (16 hours)

**Other:**

*Trial & Deposition Experience*

- Illinois v. Edgar Torres, Circuit Court of Cook County, 4<sup>th</sup> Municipal District, Maywood, Illinois, 02CR21926-01, June 8, 2004 for the State (Crash Reconstruction)
- Illinois v. Rodney Adkins, Circuit Court of Cook County, 4<sup>th</sup> Municipal District, Maywood, Illinois, 03CR22832-01, 2007 for the State (Crime Scene Investigation)
- Medmarc Casualty Insurance Company v. Kurt Thoenke, et al. Circuit Court of Cook County, Chancery Division, Chicago, Illinois, 04CH06729 for the Plaintiff (Crash Reconstruction)

- Jennifer Twinn v. Village of Oak Park & Michael Mangaser, Circuit Court of Cook County, Law Division, 04L10399, for the Oak Park Police Department (Crash Reconstruction)
- Maurice Edmonds v. Bobby Catchings, Bernard K. Robinzine, Jerome Haywood & Renzenberger, Inc., Circuit Court of Cook County, Law Division, 05L06195, May 13, 2008, for the Plaintiff (Crash Reconstruction)
- Michael Victor v. Kay Hartman, Circuit Court of Cook County, Law Division, 09L03630, January 13, 2010, for the Oak Park Police Department (Crash Reconstruction)
- Chicago Police Board v. Off. Danny Salgado, 16PB2916, May 4, 2017, for the Defense (Shooting Reconstruction)

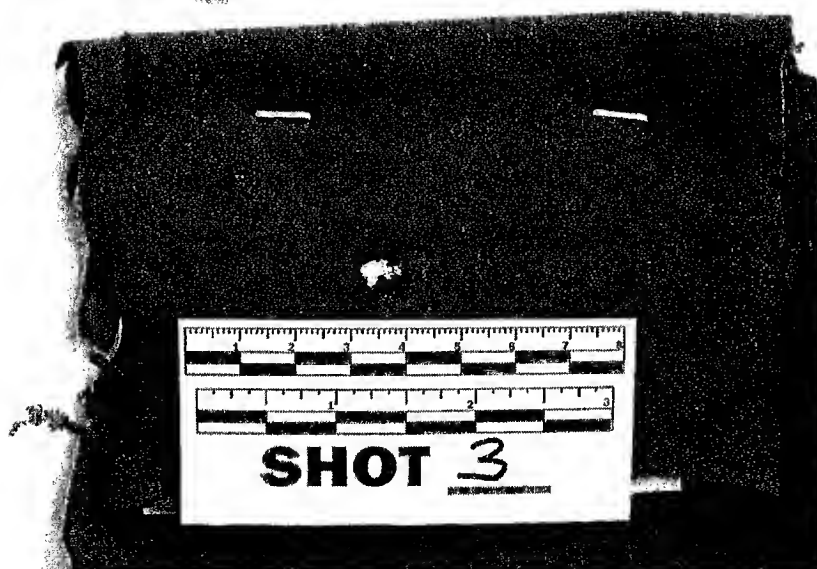
**Honors and Awards:**

Mr. Borchers has received seventeen Oak Park Police Department Citations and numerous letters of appreciation in recognition of professional skill and dedication from the Chief of Police, citizens and outside agencies.

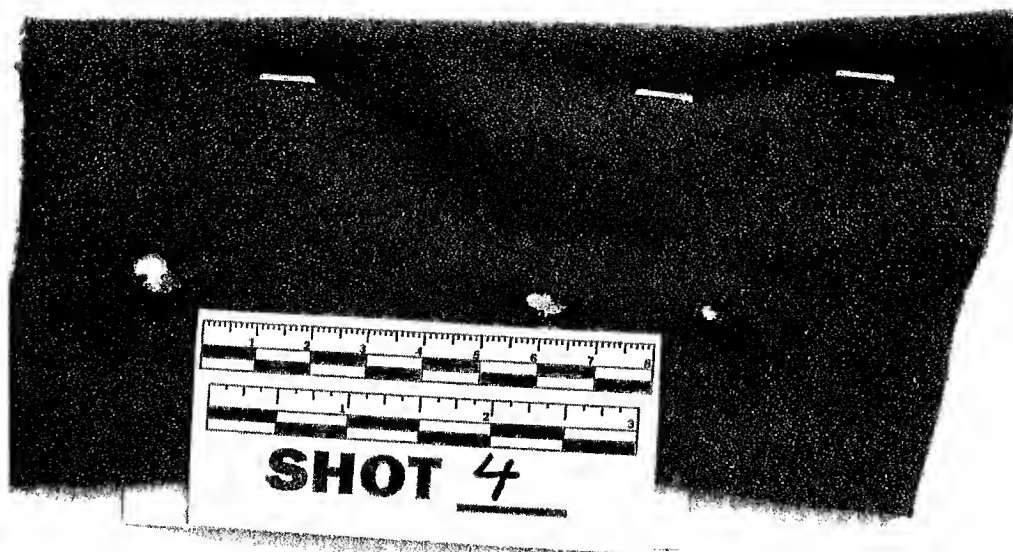
Appendix B: Royal Range USA Testing Result Photos



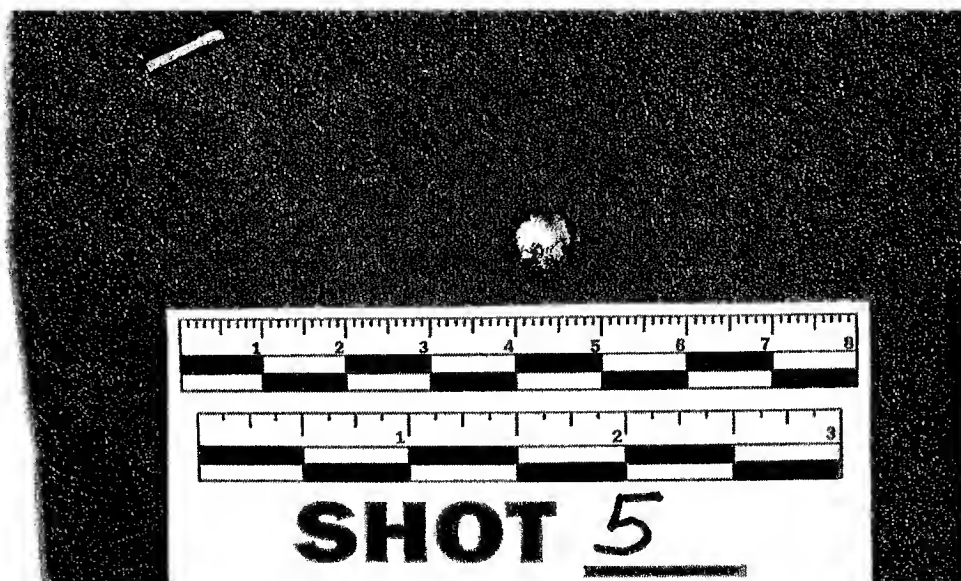
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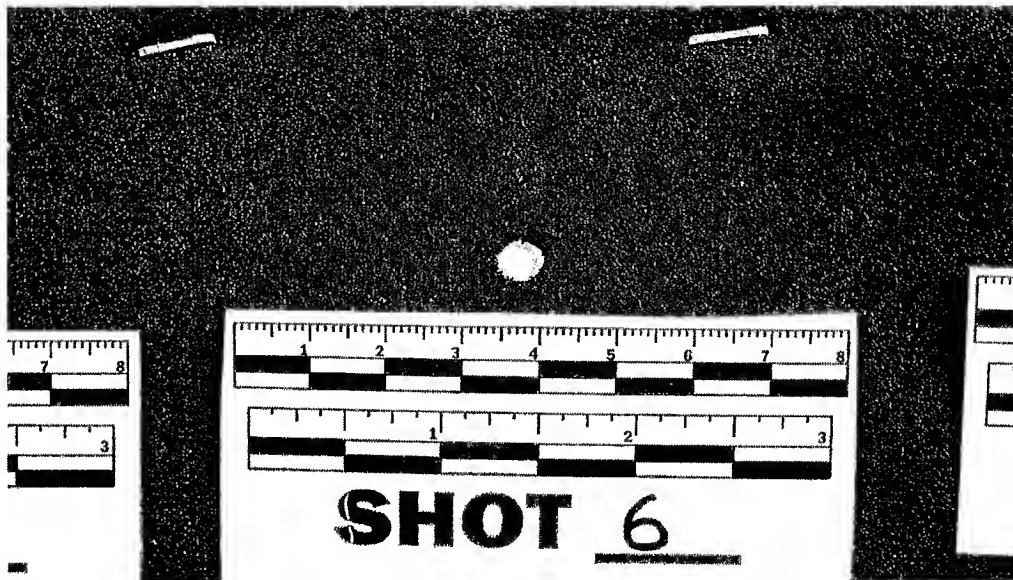


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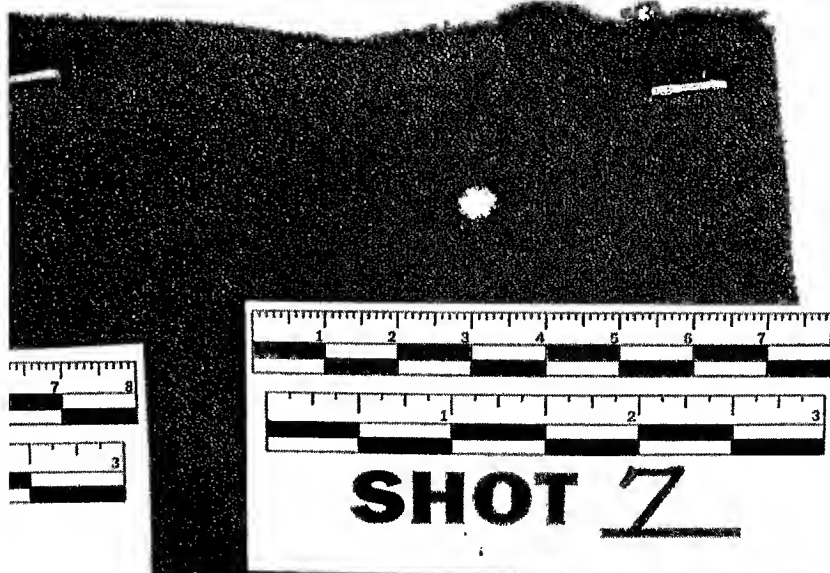


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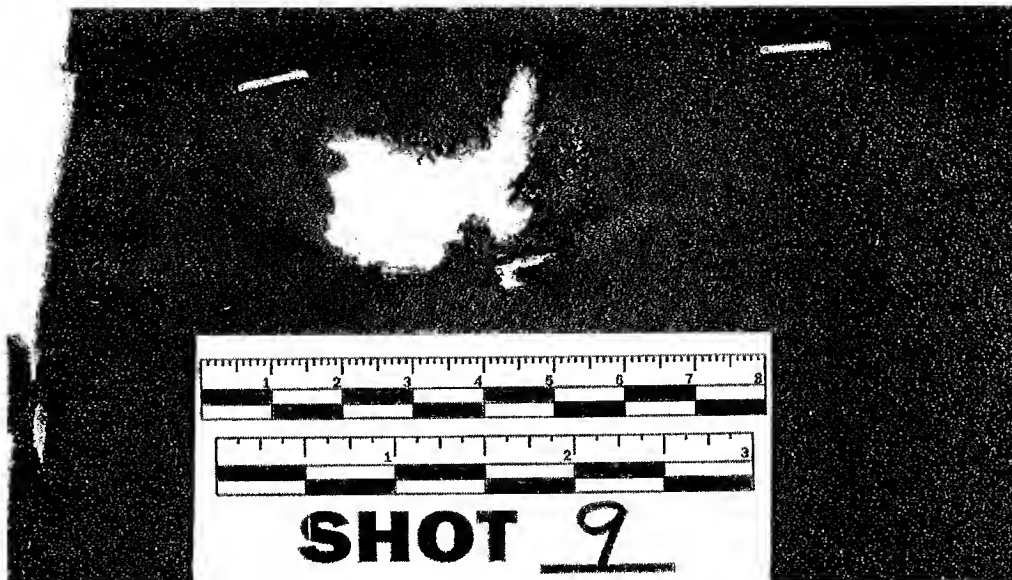




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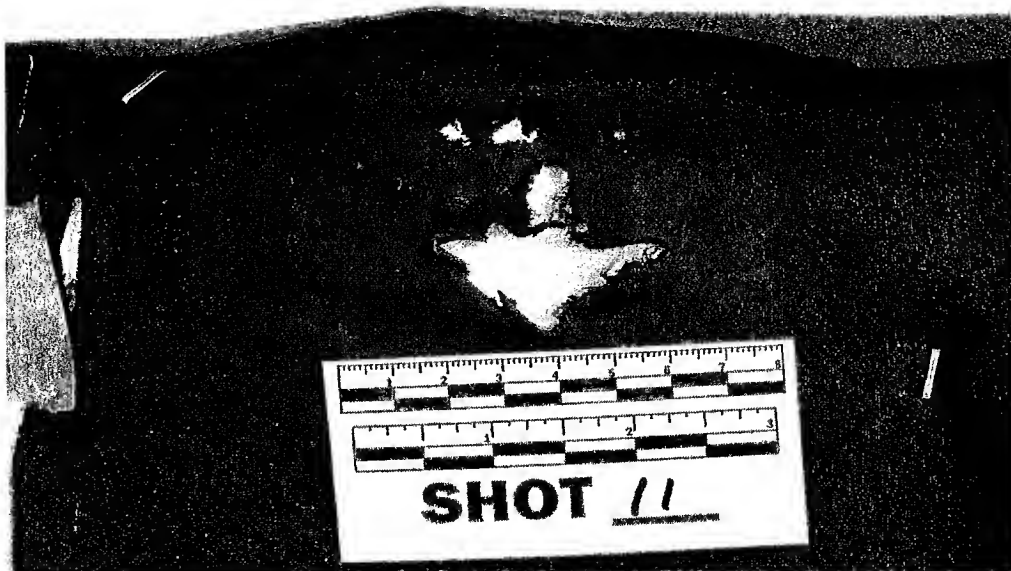
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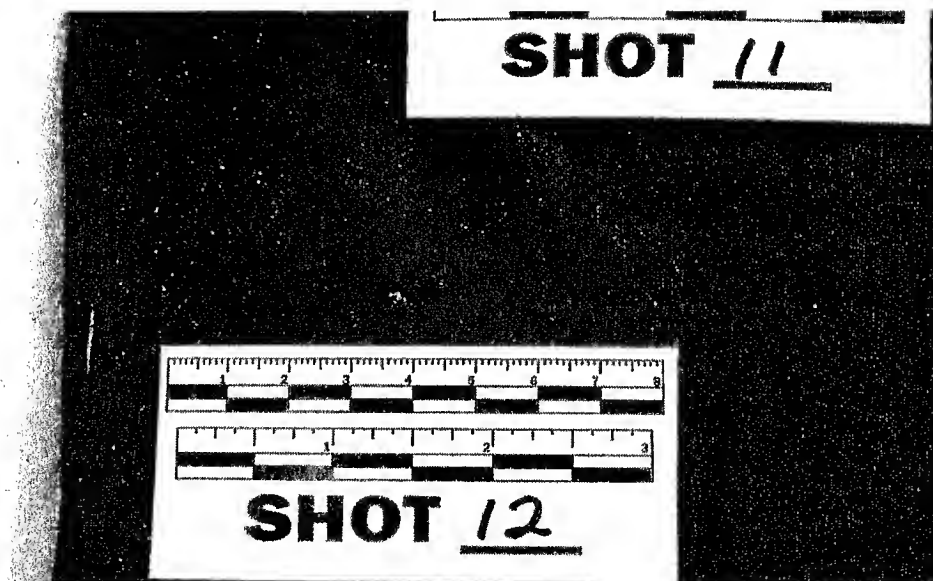
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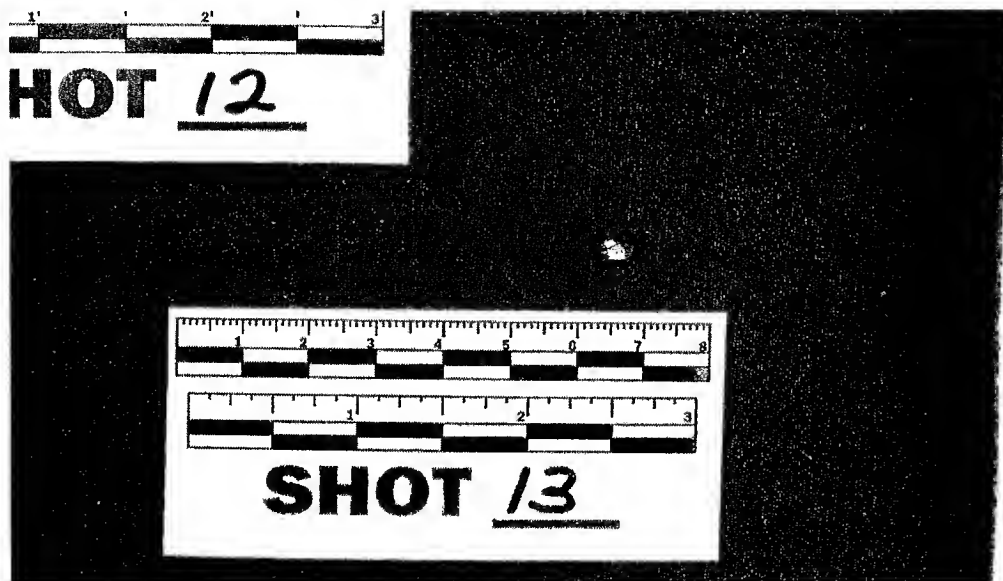
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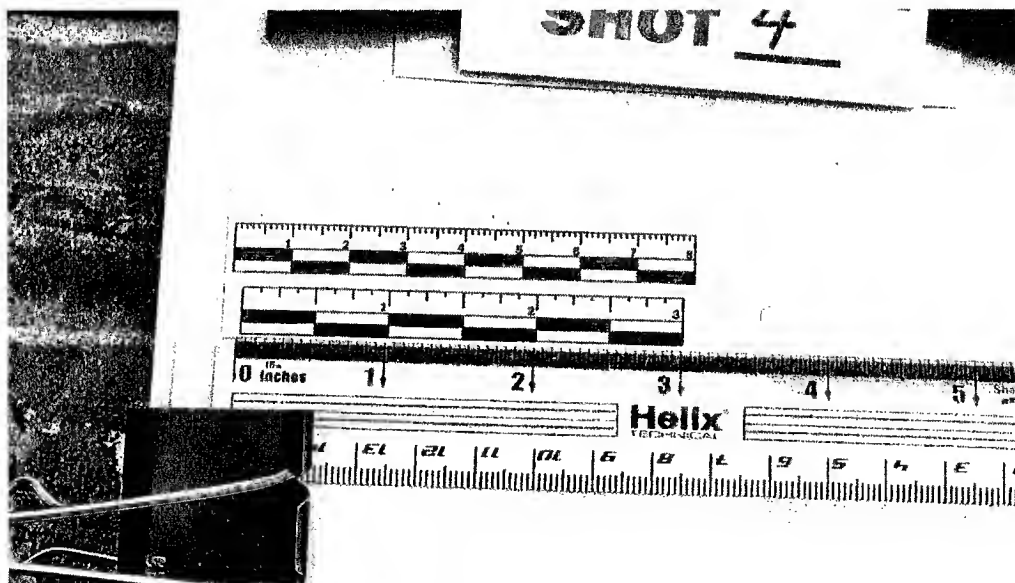
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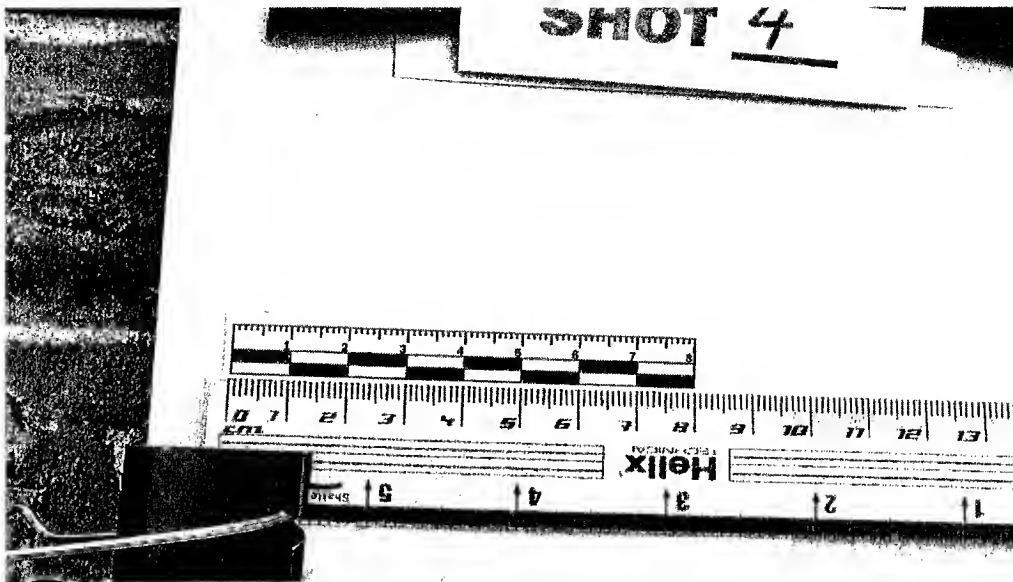
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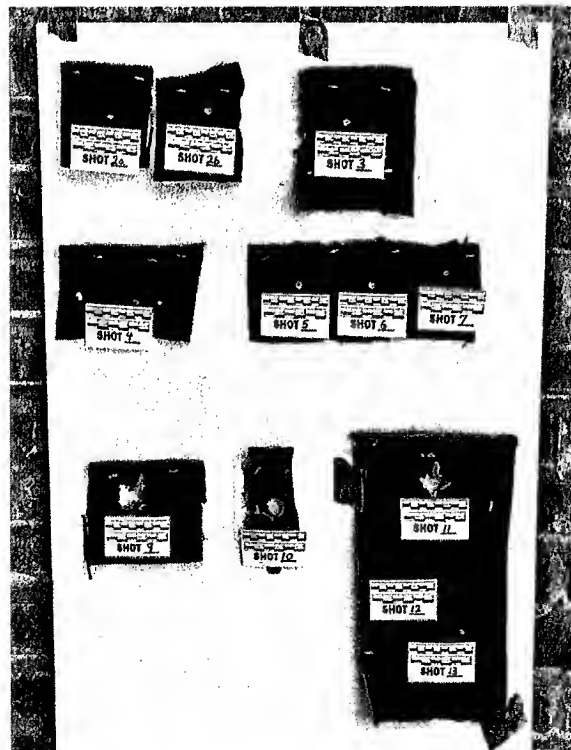
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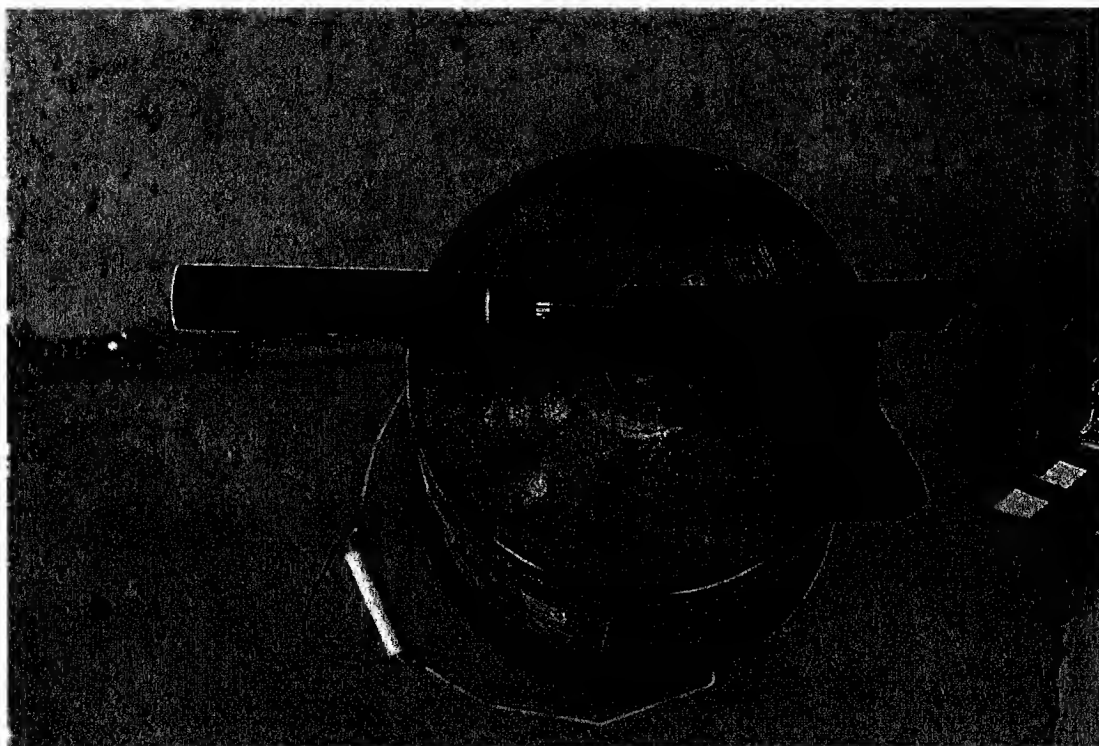
IMG\_0004\_5\_6.jpg – Imperial Calibration



IMG\_0007\_8\_9.jpg – Metric Calibration



IMG\_0094\_5\_6.jpg – Group Collection



AHB\_0007.jpg – Test Glock Pistol & Gemtech Suppressor

Appendix C – DVD with Royal Range USA and HDR Images

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**ELITE  
PERFORMANCE  
AMMUNITION**

**SIG V-CROWN**  
20 Jacketed Hollow Point  
Centerfire Pistol Cartridge

**SIG SAUER**

**ELITE  
PERFORMANCE  
AMMUNITION**

**SIG V-CROWN<sup>®</sup>**  
20 Jacketed Hollow Point  
Centerfire Pistol Cartridges



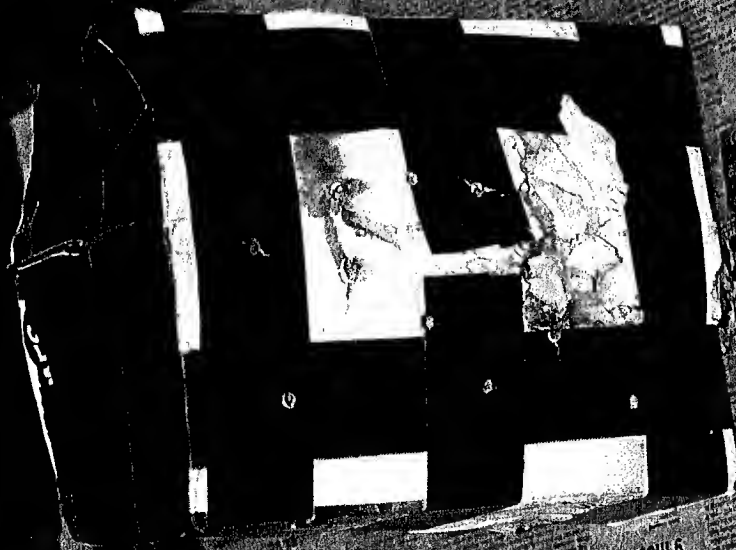
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**ELITE  
PERFORMANCE  
AMMUNITION**

**SIG V-Crown®**  
20 Jacketed Hollow Point  
Centerfire Pistol Cartridges

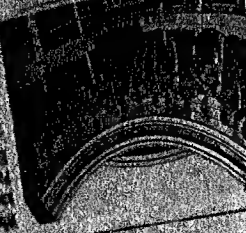


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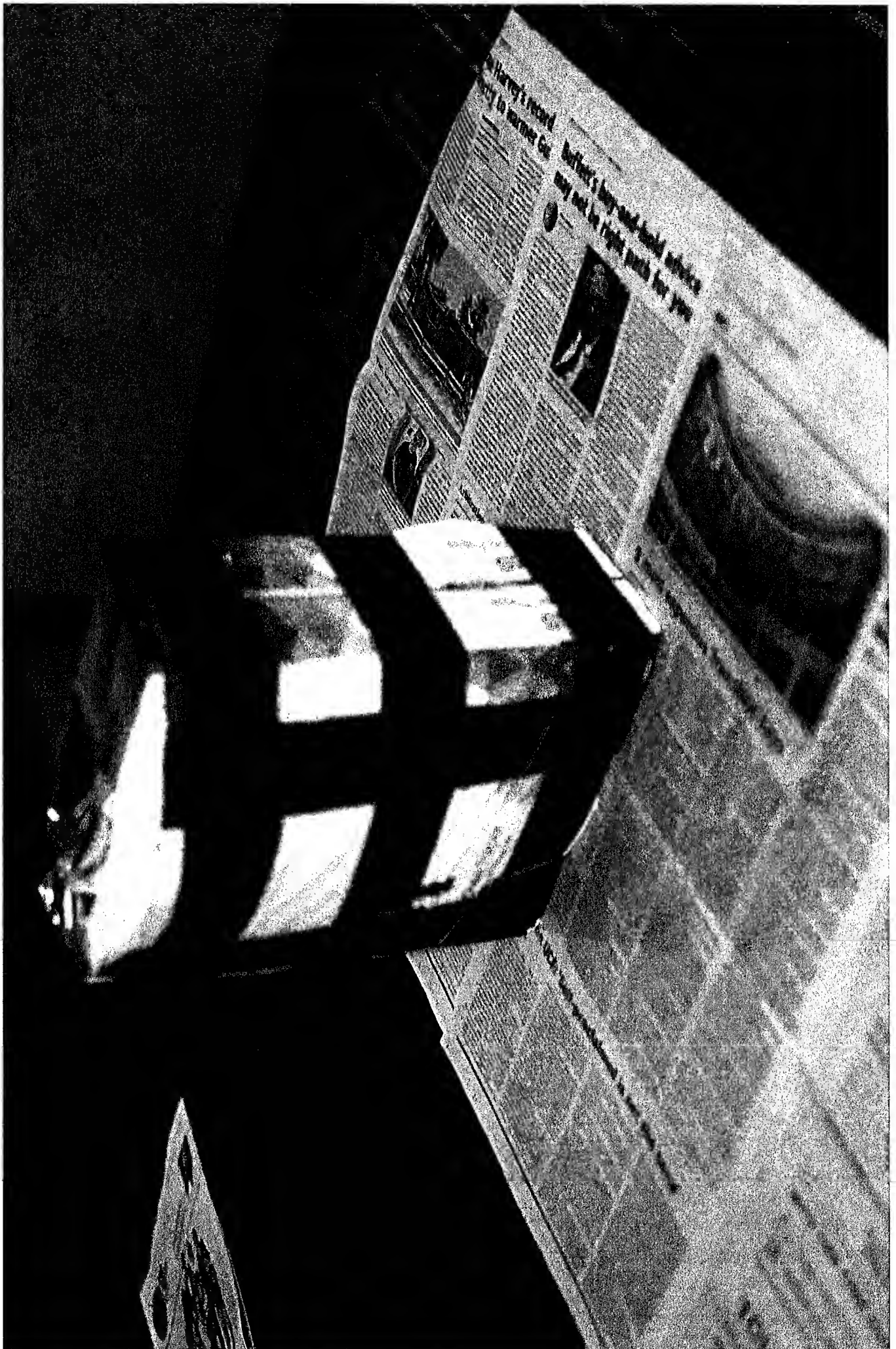
9 most expensive franchise buys



Buffett's buy-and-hold advice  
may not be right path for you









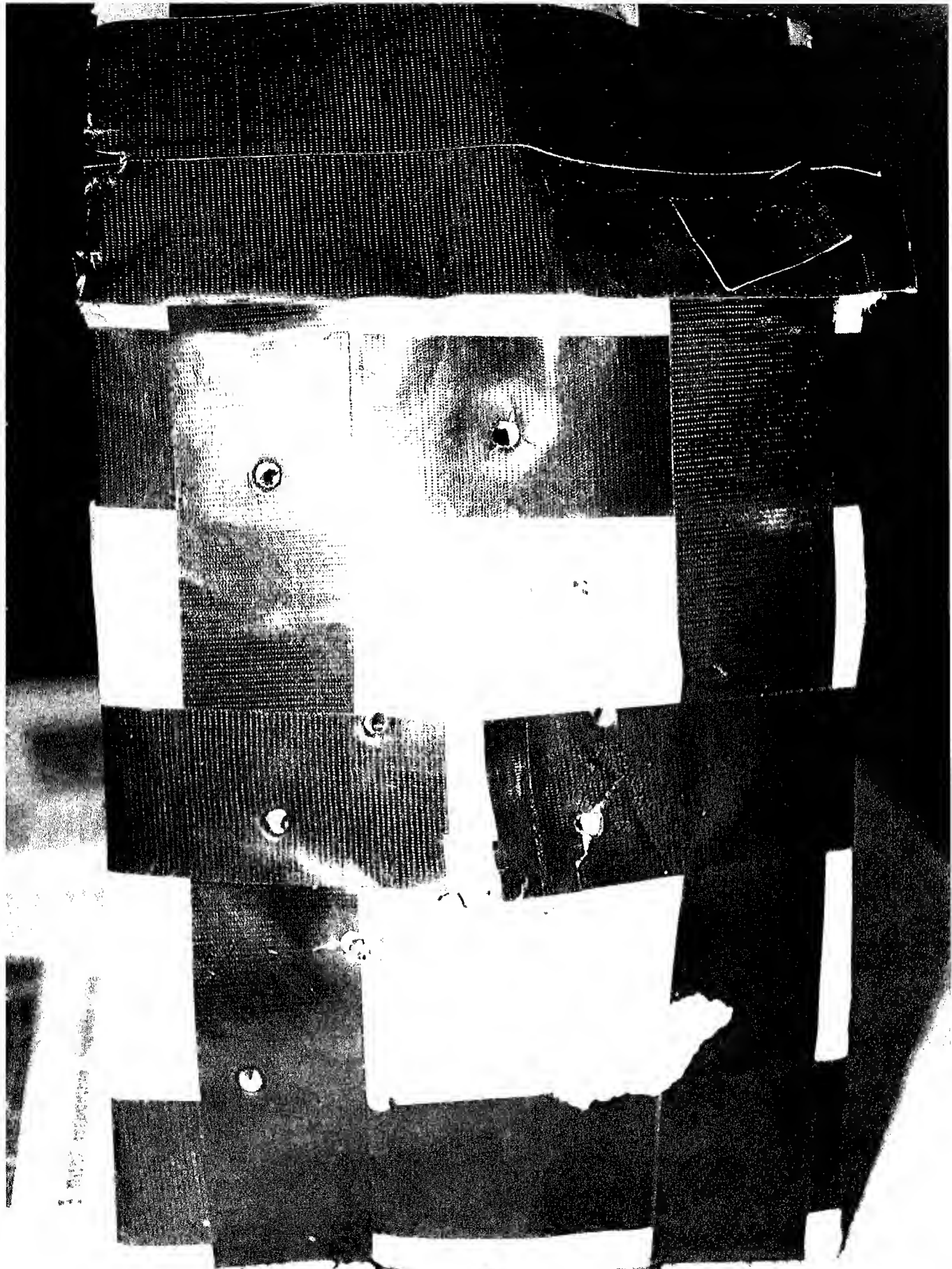
## Buffett's buy-and-hold advice may not be right path for you

the "biggest" of the 100,000 people that the company has in the pipeline, he said. "I don't think I can tell you how many of them are going to be successful," he said. "I think I can tell you how many of them are going to be successful."

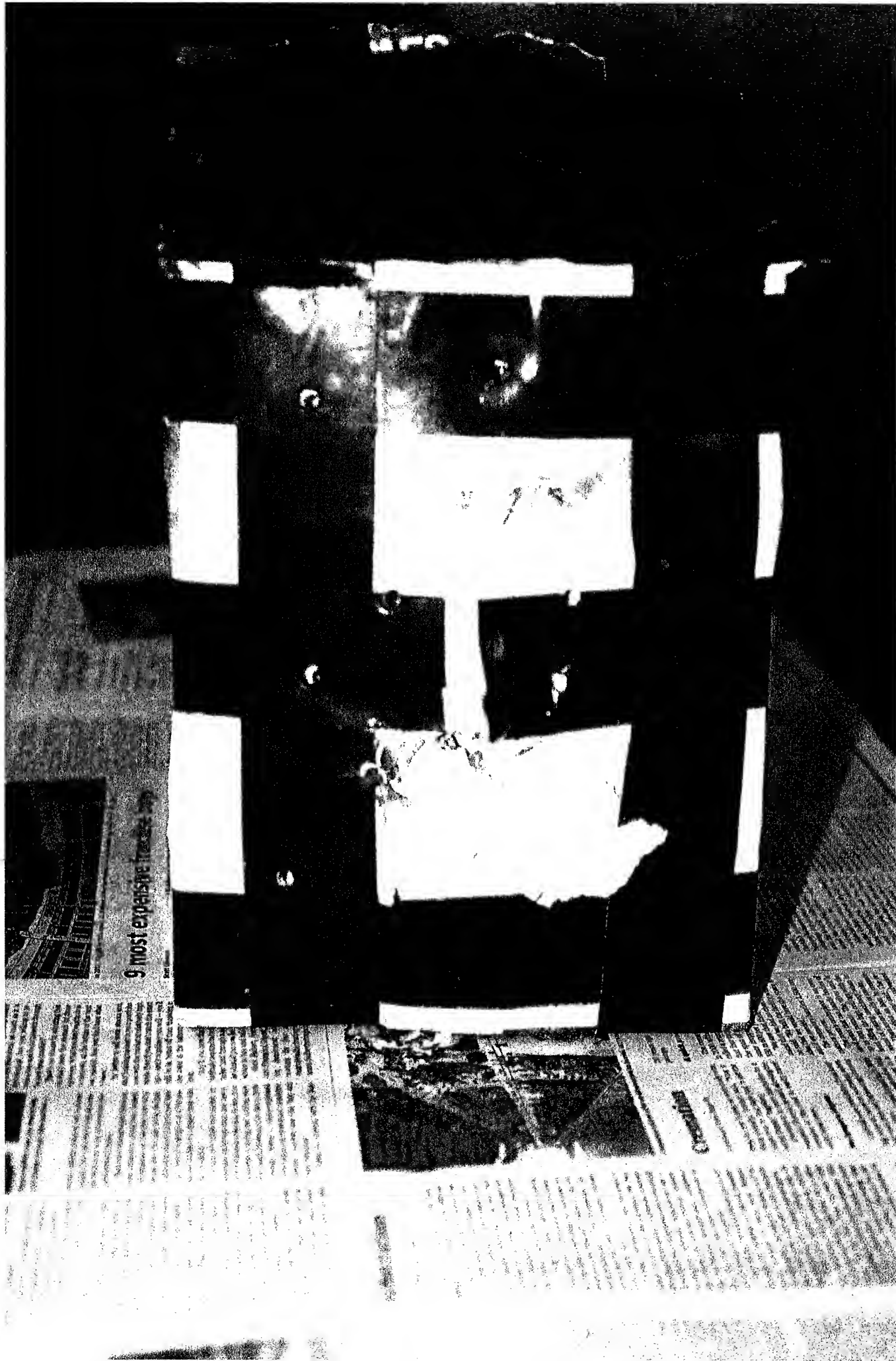
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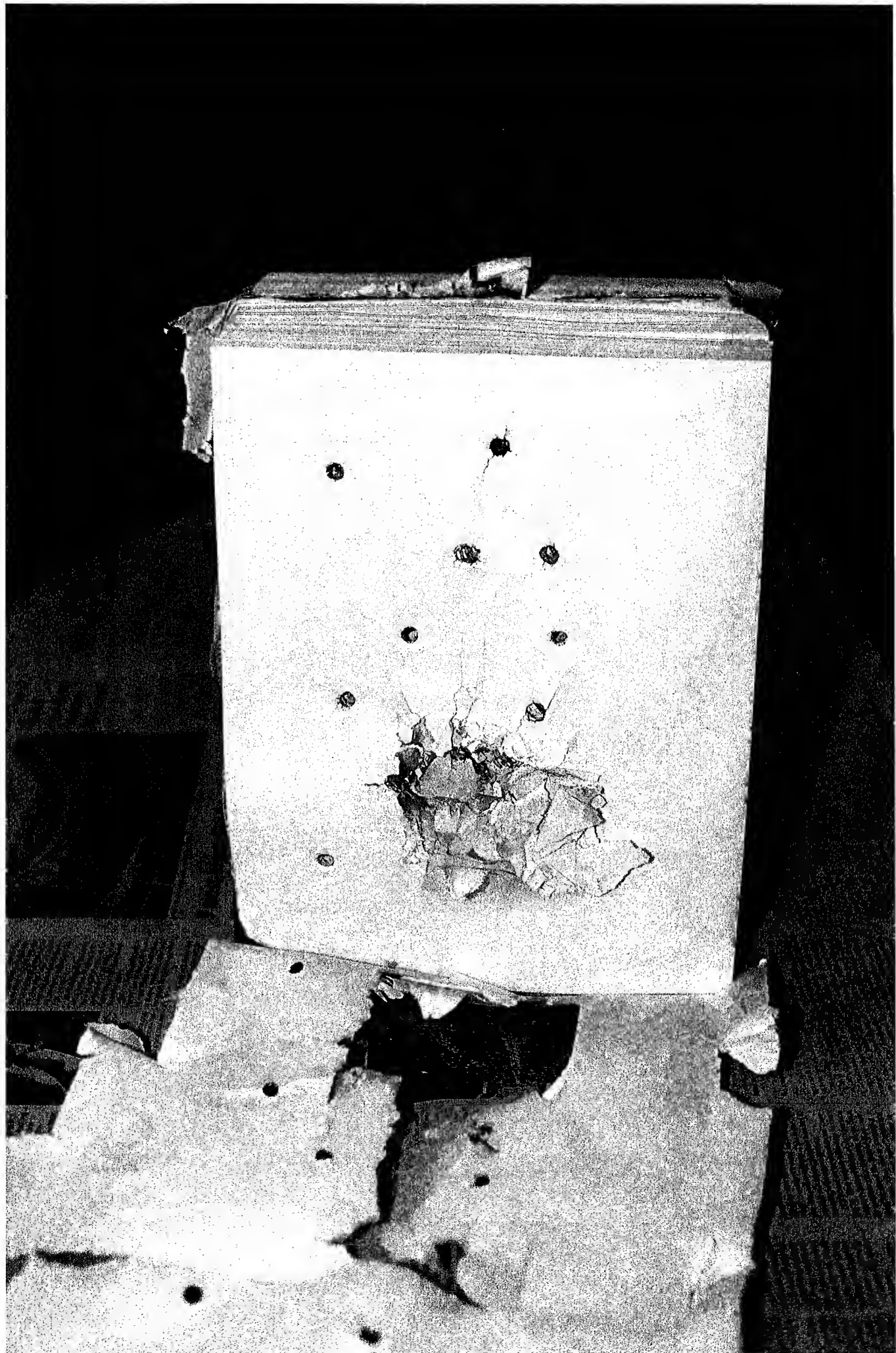
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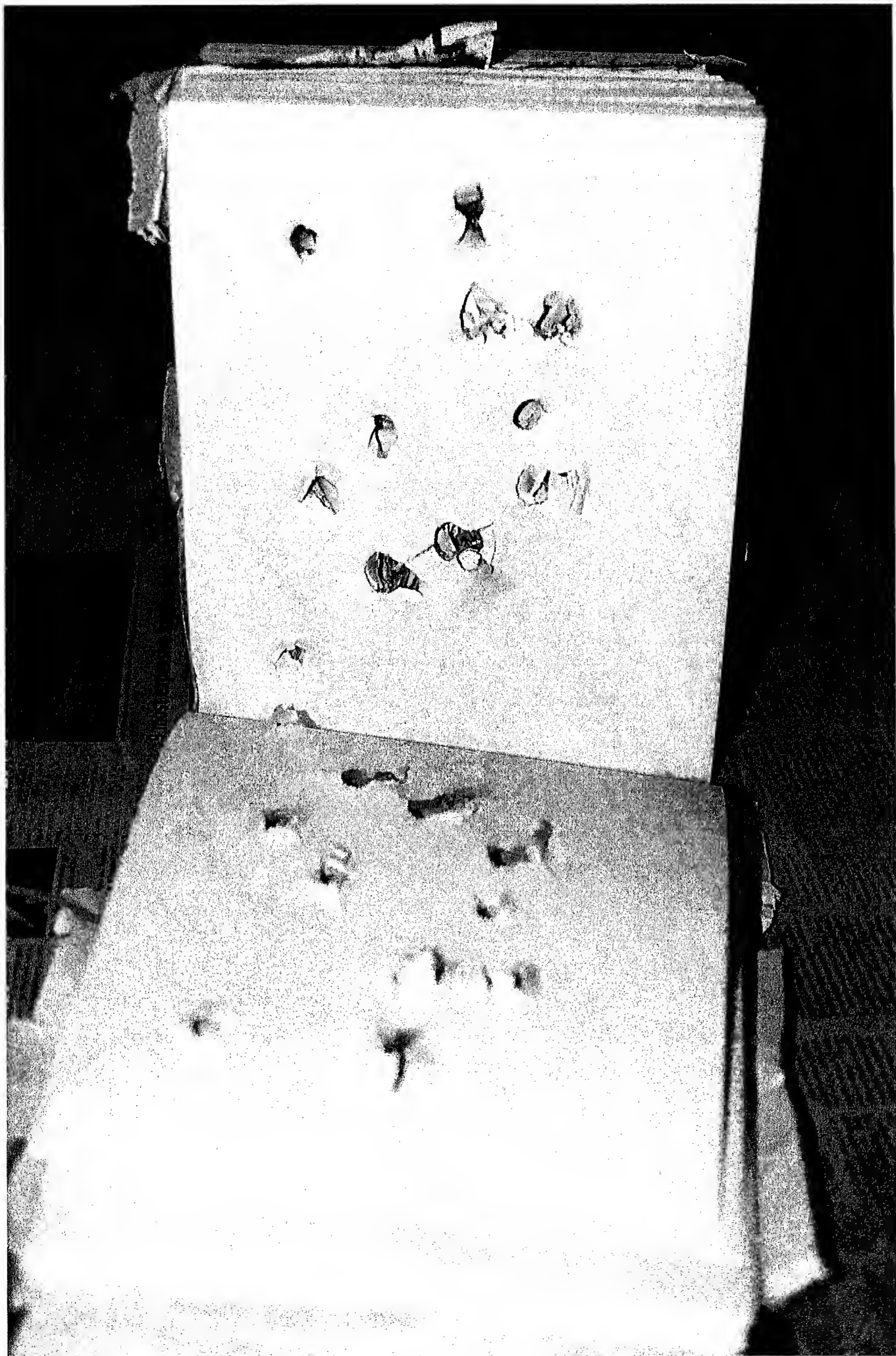


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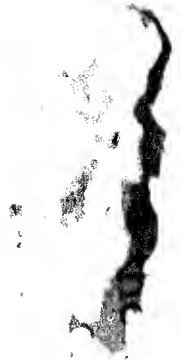
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The Definitive  
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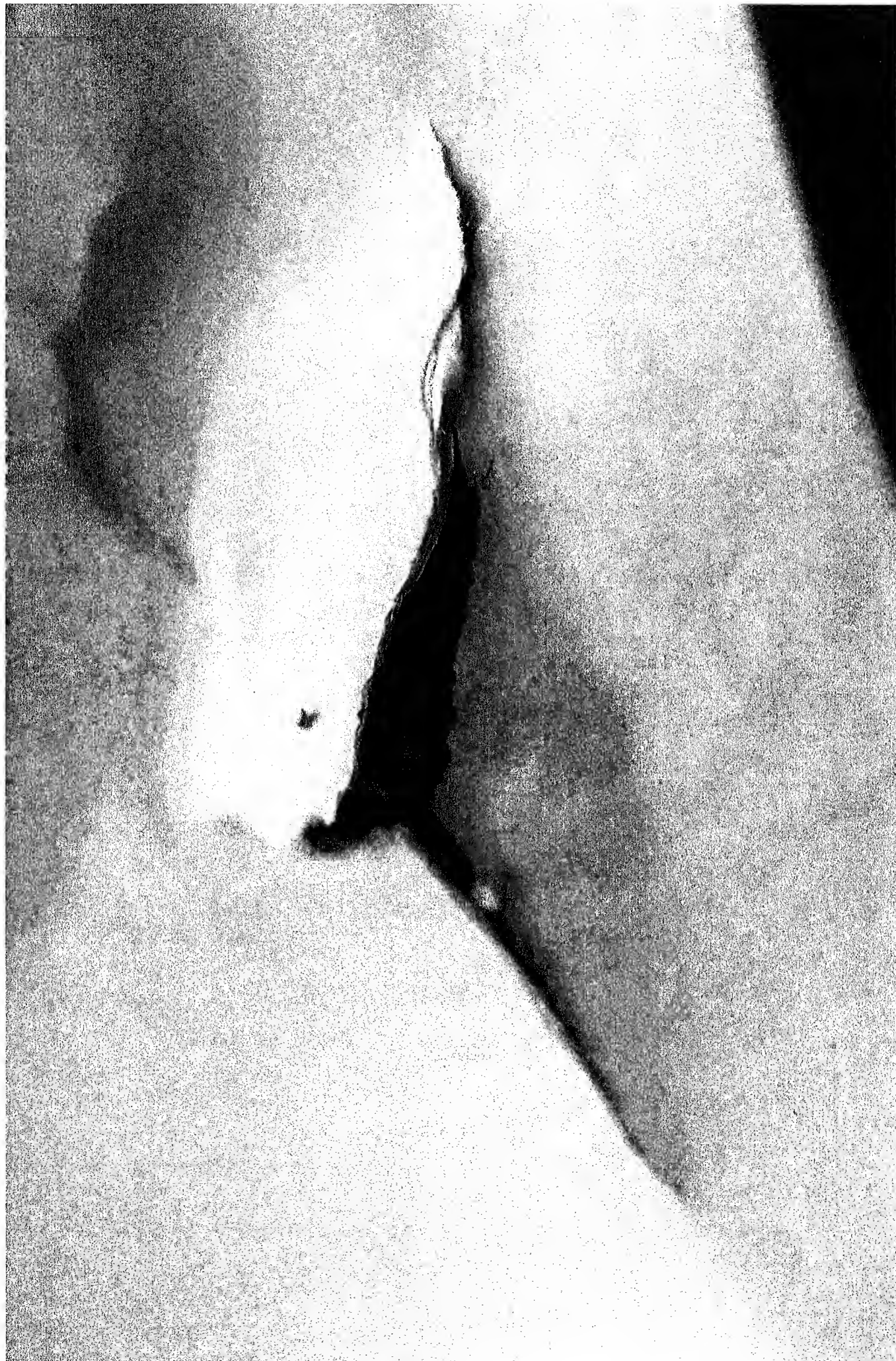










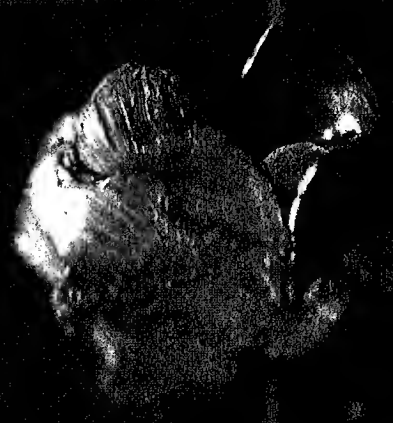








# Alternative Guide to Permanent Income





REFLECTION

LEARN









Definitive Guide to  
Firearm Maintenance





Government Income



This statement of Sal Devera was taken at 7:23 pm on January 24, 2019 by Steve LaPino of MSI Detective Services at 2406 West Fullerton Chicago, Ill

What is your name? Salvatore Devera

Were you in a relationship with Marni Yang? Yes

Were you frequently at the Yang household? Yes

How long were you in a relationship with Marni Yang? From early 2002 to late 2005.

Can you tell when Marni is upset? Yes.

Did you get a phone call from Marni on October 4, 2007 regarding a car battery?

Yes. I told her I would come there on my lunch break and for her to have the old battery out of the car because I had a short time frame to replace it.

When you got to the house, did you see Marni? Yes

Was she anxious, nervous, or upset? It didn't seem to me, no.

Was she conducting herself in a way that someone would be if she had just gunned a pregnant woman? I believe not

Have you seen Marni with wet hair? Yes

Was her wet that morning? I don't remember it to be, no.

Have you've seen Marni when she flat irons and straightens her hair? Yes

Was it straight that day? I don't believe so. Her hair was in its normal semi-fluffy condition.

As a trained law enforcement officer, there was nothing about Marni's behavior or appearance that gave you any indication that she had just been involved in a murder of a pregnant woman? No. Correct. There was nothing that would lead to believe any of that.

Do you believe Marni was proficient enough with a firearm to clear 5 rounds in a very short period of time while gunning down a pregnant woman? Proficient to use a weapon? Yes. Proficient enough to clear jams in a rapid manner? I do not believe so.

You were the one who taught her how to shoot? Yes. I taught her on an amateur level how to shoot at a firing range.

How do you correctly clear a round that has jammed a gun? The correct way to clear a jam in a semi-automatic is to take the magazine out of the handle and rack the top slide back and forth until the visible rounds that are jammed have been ejected.

Did Marni at one time own a Beretta 92FS? Yes

Are you familiar with how many pounds of pressure it takes to clear a jam on this particular Beretta? No but I know how to clear a jam on a semi-automatic.

Have you ever seen Marni clear a jam? Not to my recollection.

Is there anything about this incident or Marni that we need to know about? No

Did you ever see Marni physically assault anyone? Not to my recollection.

Marni was in her 40's at the time of the murder. In your knowledge, Marni did not have a criminal record? To my knowledge, no



Sal Devera

24 Jan 2019

Date

STATE OF ILLINOIS        )  
COUNTY OF LAKE        ) SS

IN THE CIRCUIT COURT OF THE NINETEENTH  
JUDICIAL CIRCUIT, LAKE COUNTY, ILLINOIS

IN THE MATTER OF THE APPLICATION        )  
FOR AN ORDER AUTHORIZING THE        )  
INSTALLATION AND USE OF A        )  
PEN REGISTER ON (773)754-7373        ) No.

**APPLICATION FOR EXTENSION OF PEN REGISTER**

Detective Wendell Russell of Lake County Major Crimes Task Force (hereinafter referred to as "applicant"), hereby applies to the court for an order authorizing the extension of installation and use of a pen register on telephone number (773)754-7373. In support of this application, he states the following:

(1) The applicant is a state investigative or law enforcement officer, and therefore, pursuant to Section 3122 of Title 18, United States Code, may apply for an order authorizing the installation and use of a pen register.

(2) The applicant certifies that the Lake County Major Crimes Task Force is conducting a criminal investigation of Marni K. Yang and others in connection with possible violations of First Degree Murder in violation of 720 ILCS 5/9-1; that is believed that the subjects of the investigation are using telephone number (773)754-7373, subscribed to in the name of Mari Yang, in furtherance of the subject offenses; and the information likely to be obtained from the pen register is relevant to the ongoing criminal investigation in that it is believed this information will concern the aforementioned offenses. Said information is based on the following facts and/ or acts:

*On Thursday, October 4, 2007, at approximately 8:00am, officers of the Lake County Major Crimes Task Force and the Deerfield Police Department responded to the area 441 Elm Street, Deerfield, Lake County, Illinois for a report of a Homicide. Upon arrival, officers located*

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

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one female victim who was pregnant and had been shot approximately seven times. Forensic evidence indicates that a 9mm handgun was used. Both the female victim and her unborn child were pronounced dead at the scene. Your affiant states the victim was identified as Rhoni Rueter and that the victim's boyfriend and father of her unborn child is Shaun Gayle. Your affiant states that during the course of investigation a subject identified as Marni Yang has become a suspect in the homicide. Your affiant further states that Marni Yang has been identified as one of several girlfriends Shaun Gayle was known to have.

Your affiant learned that Marni Yang was jealous of Shaun Gayle's other girlfriends. Your affiant states that Marni Yang was upset upon learning that Rhoni Rueter was pregnant with Shaun Gayle's child. An unidentified subject sent all of Shaun Gayle's girlfriends packets of information including letters and emails containing negative information regarding Shaun Gayle's activities and character, while posing as another person, giving out all of their contact information and information about their activities with Shaun Gayle. Your affiant states that during an interview with Marni Yang, Marni Yang stated she has never contacted any of Shaun Gayle's other girlfriends. Your affiant states that phone records obtained show that Marni Yang has contacted on at least two occasions one of Shaun Gayle's other girlfriends. Your affiant further states that Marni Yang has access to a program that records keystrokes and admitted to a friend that she used a keystroking software program on a computer at Shaun Gayle's residence. Your affiant, states that this was done while Shaun Gayle would be out of the room or laying on the couch in said residence and that it would record Shaun Gayle's computer passwords and information allowing the keystroker unlimited access to passwords and email account information. Your affiant, states that Marni Yang also has made comments that she had studied emails from an ex-girlfriend of Shaun Gayle to gather information on how she talks and writes. Additionally, someone accessed Rhoni Rueter's email account and sent derogatory emails to her supervisors at work posing as Rhoni Rueter.

Your affiant has also learned during the course of his investigation that Marni Yang was previously involved with a married man from Chicago, Illinois. Your affiant states that upon

*learning that her married boyfriend had impregnated his wife, Marni Yang became extremely upset and threatened to kill her boyfriend's wife and their children. Your affiant states that he subsequently obtained an order of protection against Marni Yang. Your affiant confirmed through the Chicago Police Department that Marni Yang had an order of protection issued against her protecting the married gentleman, his wife and their children.*

*Your affiant states that investigation has revealed that on August 3, 2007, Marni Yang used her credit card to make an on-line purchase of a book on how to make homemade silencers for firearms. Your affiant states that the book purchased was delivered to Marni Yang's address, 5137 N. Saint Louis Avenue, Chicago, IL 60625, on August 4, 2007. Further investigation shows that Marni Yang purchased multiple items, subsequent to the on-line silencer book purchase, at a Home Depot, that are consistent with equipment needed to make a silencer. Your affiant learned from the Illinois State Police that Marni Yang is the owner of several firearms and has a valid FOID card. A witness who was in the vicinity of the homicide described hearing sounds consistent with those of a silencer discharge.*

*Your affiant further states that Marni Yang had access to and took possession of other weapons in the summer of 2005 when she assisted in the clearing out of a relative's estate in Florida. The relative, Jordan Rabin, was a security guard in the state of Florida with a concealed, carry permit. Your affiant further states that Marni Yang has made comments on how difficult it was to get the weapons back to Illinois through airport security. Your affiant states that information received from the Department of Homeland Security further confirms that on October 14, 2005 at 12:59 hours Marni Yang was a passenger on a United Airlines Flight 1567 and failed to declare two firearms, as well as, two hundred rounds of ammunition. One of the firearms was a 9mm handgun.*

*Your affiant has further learned that Sal Devera, a boyfriend of Marni Yangs, would take Marni Yang to the shooting range. Your affiant has learned that a representative of the shooting range recalls Marni Yang getting the Hoag grips changed on a 9mm weapon that she was using at the range. Sal Devera paid for the grips. Sal Devera was not forthcoming with this*

information the first occasion he spoke with members of the Lake County Major Crimes Task Force.

On October 3, 2007 your affiant states that Marni Yang was to meet with Christi Paschen and her boyfriend regarding a real estate transaction. Your affiant states that Marni Yang told Detectives that she did not show up for this meeting with Christi Paschen and her boyfriend because she had car troubles. Your affiant further states that Christi Paschen confirmed that Marni Yang stated to her that she had car troubles and that she did not meet with her. However, information received from other evidence indicates that Marni Yang stayed at Christi Paschen's residence the night before Rhoni Rueter's homicide and drove a rented car on the date of the homicide from Christi Paschen's apartment to a distance consistent with driving to Rhoni Rueter's apartment in Deerfield, Illinois based upon Enterprise mileage records.

Your affiant further states that Marni Yang has stated to Detectives that Christi Paschen is a very close friend and that they speak on the phone multiple times a week. Your affiant states that evidence shows that Marni Yang had multiple phone contacts with Christi Paschen using a disposable cell phone that was concealed from Detectives. Evidence from phone records shows that Marni Yang was present in the area around Christi Paschen's apartment in a period of 48 hours prior to the homicide and that Marni Yang was picked up at Christi Paschen's apartment within 48 hours of the offense by Enterprise Rent-a-Car to rent a car, which she concealed from Detectives. Enterprise records show that a car was rented by Marni Yang and paid for in cash. Your affiant further states that evidence shows the car rented by Marni Yang is consistent with the description of black car seen fleeing the scene of the homicide.

Your affiant further states that Andrew Yang, Marni Yang's son, stated to Detectives of the Lake County Major Crimes Task Force that he was instructed by his mother, the suspect, Marni Yang, to state that she was home during the morning of October 4, 2007 if he was asked by the police.

Your applicant has reason to believe that Marni Yang will attempt to communicate with others after Christi Paschen, Sal Devera and Andrew Yang are questioned by members of

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*the Lake County Major Crimes Task Force regarding many of the issues and inconsistencies regarding the homicide of Rhoni Reuter. Your affiant states that the number (773) 754-7373 is subscribed to by Marni Yang as recently as October of 2008.*

*Your affiant further states that results from the previous application for pen register show that the referenced telephone number is actively being used to dial other telephone numbers also currently under investigation.*

(3) The application requests the court issue an order authorizing the extension of installation and use of a pen register to register numbers dialed or pulsed from telephone number (773)754-7373, to record the date and time of such dialings or pulsings, and to record the length of time the telephone receiver in question is off the hook for incoming or outgoing calls, text message data and cell tower site location information for a period of 60 days

(4) The applicant requests the order direct the furnishings of information, facilities, and technical assistance necessary to unobtrusively accomplish the installation of the pen register by COMCAST CABLE COMMUNICATIONS with reasonable compensation to be paid by the Lake County Major Crimes Task Force for reasonable expenses incurred in providing such facilities and assistance.

(5) The applicant further requests the court order COMCAST CABLE COMMUNICATIONS to provide subscriber information, including name and address, on all telephone numbers retrieved through the use of this device, as well as the origin of incoming calls, to include telephone number, name and address of the subscriber during the period of this order with reasonable compensation to be paid by The Lake County Major Crimes Task Force for reasonable expenses incurred in providing such information.

WHEREFORE, it is respectfully requested that the court grant an order for a period of 60 days to being on December 31, 2008, and ending no later than March 1, 2009;

(1) Authorizing the extension of installation and use of a pen register to record numbers dialed or pulsed from telephone number (773)754-7373;

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(2) COMCAST CABLE COMMUNICATIONS to forthwith furnish agents of the Lake County Major Crimes Task Force and the Department of Homeland Security/ Immigration and Customs Enforcement with all information, facilities and technical assistance necessary to accomplish the installation and use of the device unobtrusively and with minimum interference to the service presently accorded persons who dialings or pulsings are the subject of the pen register and;

(3) Directing COMCAST CABLE COMMUNICATIONS to provide subscriber information including name and address, on all telephone numbers retrieved through the use of this device, as well as the origin of incoming calls, to include telephone number, name, and address of the subscriber during the period of this order with reasonable compensation to be paid by the Lake County Major Crimes Task Force for reasonable expenses incurred in providing such information and,

(4) Sealing this application and the court's order.

Det. W. Russell

Applicant

12-29-08

Date

Subscribed and sworn to, before me, 12-29-08, 20\_\_

D. J. [Signature]  
Judge

Approved By:

PF

PATRICIA FIX, Assistant State's Attorney

12-30-08

Date

005882

STATE OF ILLINOIS )  
 ) SS.  
COUNTY OF COOK )

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION	)	
OF ORAL COMMUNICATIONS ON	)	AFFIDAVIT IN SUPPORT OF
A CELLULAR TELEPHONE	)	AN APPLICATION FOR AN
NUMBERS 773-593-2998 & 773-899-2455;	)	ELECTRONIC SURVEILLANCE
(TARGET PHONE 3 & 4)	)	ORDER NO. 2009-ESO-003

## APPLICATION

PATRICIA FIX, being duly sworn, deposes and says:

- 1) I am the Chief of the Felony Trial Division of the Lake County, Illinois State's Attorney's Office, and as such, I am authorized by law to investigate, prosecute, and participate in the prosecution of the particular offenses which are the subject of this application. I make this sworn application pursuant to 725 ILCS 5/108B-4 for an order authorizing the electronic interception of private oral communications over the above-captioned cellular telephone number on behalf of Michael J. Waller, State's Attorney of Lake County.
- 2) I have read the affidavits of law enforcement Detective Wendell Russell annexed herein and made a part hereof.
- 3) Based upon the facts set forth in the affidavit of Detective Wendell Russell, I respectfully submit to the Court that there is probable cause to believe that the crime of First Degree Murder in violation of 720 ILCS 5/9-1 (collectively, the "Subject Offenses"), have been committed and are continuing to be committed by Marni Yang, Salvador Devera, Christi Paschen, Andrew Yang and others yet unknown.
- 4) This Application seeks authorization to intercept private oral communications of Marni

Yang, Salvador Devera, Christi Paschen, Andrew Yang and others yet unknown, (collectively, the "**Interceptees**") because there is probable cause to believe that the **Interceptees**, and others as yet unknown have committed and/ or involved in the commission of the Subject Offenses and that essential evidence of those crimes may be obtained by the interception of private oral communications over cellular telephone numbers 773-593-2998 and 773-899-2455 serviced by Cellco Partnership dba Verizon Wireless listed in the name of Marni Yang (hereinafter, **TARGET PHONE 3 & 4**).

5) Based upon the facts set forth in the affidavit of Detective Wendell Russell, Your Applicant states upon information and belief that:

- a) There is probable cause to believe that Marni Yang, Salvador Devera, Christi Paschen, Andrew Yang (hereinafter collectively the "**Violators**") and others as yet unknown have committed, are committing, and will continue to commit the Subject Offenses;
- b) There is probable cause to believe that particular private oral communications of the **Interceptees** and others as yet unknown, occurring to and from **TARGET PHONE 3 & 4** concerning the Subject Offenses will be obtained through the interception that is the subject of this application. In particular, these private oral communications are expected to concern, among other things: (i) the identities of participants, aiders-and-abettors and other co-conspirators of the **Violators** in their illegal activities; (ii) the nature, extent and methods of the scheme; (iii) dates, times, places, and manner where meetings take place; (iv) the locations and items used in furtherance of the illegal activities; (v) the existence and location of records associated with this activity; (vi) the extent of the criminal organization in which all the **Violators** participate; (vii) the subsequent concealment of these illegal activities. In addition, these private oral communications are expected to constitute admissible evidence of the commission of the above-described offenses.

- c. There is probable cause to believe that TARGET PHONE 3 & 4 is being used and will continue to be used by the **Interceptees** in connection with the commission of the Subject Offenses and that this Honorable Court has jurisdiction to issue the requested Order.
  - d. The attached Affidavit contains a full and complete statement explaining why normal investigative procedures have been tried and failed, reasonably appear unlikely to succeed if continued, reasonably appear unlikely to succeed if tried, or are too dangerous.
- 6) Based upon the facts set forth in the affidavit of Detective Wendell Russell, it is my opinion that there are no alternative investigative procedures that could be used to acquire the essential evidence necessary to achieve all of the goals of this investigation and to prosecute successfully all of the perpetrators of the criminal activities described herein. I believe that the nature and scope of the criminal activities involved are of sufficient importance to warrant the employment of electronic interception devices.
- 7) The oral telephonic communications will be intercepted by Detective Wendell Russell, <sup>Ken Maize</sup> ~~and Commander Don Smith, Detective Jesse Gonzalez and Detective Rick Anderson~~. They will facilitate the technical aspects of the interception and supervise the interception. They are currently certified by the Illinois State Police as electronic criminal surveillance officers. Additional Lake County Major Crime Task Force Agents and other law enforcement personnel will execute, monitor and supervise the interception under this Order. All of these officers are certified by the Illinois State Police as electronic criminal surveillance officers (hereinafter, ECSO). A list of each of the possible electronic criminal surveillance officers is attached to this application as Exhibit (A).
- 8) To prepare the electronic criminal surveillance officers to appropriately execute this Order, minimization will be addressed in the following manner:

- a) Prior to the monitoring interception, Assistant State's Attorneys, Jeffrey Pavletic and Patricia Fix will orally instruct the ECSO-trained officers involved in the interception and monitoring on the minimization guidelines with special emphasis on areas of privilege as it relates to attorney-client privilege as well as the scope and goals of the investigation.
  - b) Each ECSO received a written copy of those minimization guidelines. Each ECSO read these minimization guidelines and then signed a form in acknowledgment of the contents. Those written guidelines and signatures are and will continue to be on file in the wire room.
  - c) The minimization guidelines are posted in the monitoring area of the wire room.
  - d) Names and telephone numbers relating to the attorney-client privilege, other privileges, and any pending cases, are and will continue to be displayed to remind the ECSO's of areas of caution for minimization.
  - e) A copy of these Orders and Affidavit will be placed in the wire room.
  - f) Any ECSO who intercepts a call that touches on an area of privilege will make an entry to that effect on the log sheet and immediately notify the supervising Assistant State's Attorney who will then apprise this Court of the contents intercepted.
- 9) Considering the continuing nature of the criminal activity set forth in said affidavit, it is respectfully requested that this Order not automatically terminate after the first conversation concerning criminal narcotics activity has been intercepted, but in any event, the period of interception shall not exceed thirty (30) days, measured from the earlier of the day on which investigative or law enforcement officers first begin to conduct an interception under this

Order or seven (7) days from the date this Order is entered.

- 10) It is also requested that this Order apply not only to the **TARGET PHONE 3 & 4**, but to any other telephone numbers subsequently assigned to an instrument bearing the same ESN or IMSI number as currently assigned to **TARGET PHONE 3 & 4** and to any other instruments using or assigned to the same telephone number but bearing an ESN or IMSI number different than **TARGET PHONE 3 & 4** within the authorized interception period,
- 11) It is also requested that an ongoing special computer study for the targeted cellular telephone numbers be furnished by Cellco Partnership dba Verizon Wireless to the Lake County Major Crime Task Force and/or Lake County States Attorney's Office for the duration of this order.
- 12) It is also requested that Quest Communications, T-Mobile USA, PCS Primeco, Sprint/Nextel, Verizon Legal Compliance, Verizon Wireless, GTE Legal Compliance, SBC Wireless doing business as Ameritech, Ameritech, Southwestern Bell Mobile Systems doing business as Cingular Wireless, SBC Wireless Fraud Group, AT&T Wireless Service, AT&T Network Security, Sprint/Nextel doing business as Verizon Wireless, Sprint Communications Company, L.P., Sprint Spectrum, L.P., M.C.I. Communications Company, RCN Telecommunications, US Cellular Corporationm, Virgin Mobile USA, LLC, Voice Stream Wireless and all other providers of electronic communication service as defined in Title 18, United States Code, Section 2510(15), be ordered to furnish upon the written request by agents of the Lake County Major Crime Task Force and/or the Lake County State's Attorney's Office special computer studies and/or FDS studies originating from and/or terminating at **TARGET PHONE 3 & 4**, from the date of this order until this order expires.



- 13) It is also requested that Quest Communications, T-Mobile USA, PCS Primeco, Sprint Nextel, Verizon Legal Compliance, Verizon Wireless, GTE Legal Compliance, SBC Wireless doing business as Ameritech, Ameritech, Southwestern Bell Mobile Systems doing business as Cingular Wireless, SBC Wireless Fraud Group, AT&T Wireless Service, AT&T Network Security, Cellco Partnership doing business as Verizon Wireless, Sprint Communications Company, L.P., Sprint Spectrum, L.P., M.C.I. Communications Company, RCN Telecommunications, US Cellular Corporation, Virgin Mobile USA, LLC, Voice Stream Wireless and all other providers of electronic communication service as defined in Title 18, United States Code, Section 2510(15), shall furnish customer and subscriber information, the customer service and credit records and the names and addresses of all subscribers for telephone numbers identified through the use of this Electronic Surveillance Order and/or the special computer studies and/or FDS studies.
- 14) It is also requested that Quest Communications, T-Mobile USA, PCS Primeco, Sprint/Nextel, Cellco Partnership doing business as Verizon Wireless, Verizon Legal Compliance, Verizon Wireless, GTE Legal Compliance, SBC Wireless doing business as Ameritech, Ameritech, Southwestern Bell Mobile Systems doing business as Cingular Wireless, SBC Wireless Fraud Group, AT&T Wireless Service, AT&T Network Security, Cellco Partnership doing business as Verizon Wireless, Sprint Communications Company, L.P., Sprint Spectrum, L.P., M.C.I. Communications Company, RCN Telecommunications, US Cellular Corporation, Virgin Mobile USA, LLC, Voice Stream Wireless and all other providers of electronic communication service as defined in Title 18, United States Code, Section 2510(15), not disclose the existence of this Electronic Surveillance Order and/or the special computer studies and/or FDS studies and also not disclose the release of customer or subscriber information, including customer service and billing records, to the listed subscriber or customer, or to any other person unless or until other ordered by the Court.

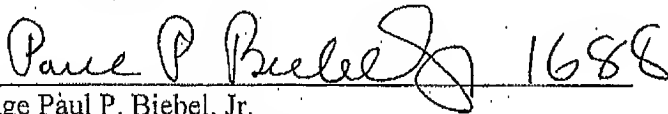
- 15) It is also requested that this Order be binding on any subsequent service provider providing electronic communications service to **TARGET PHONE 3 & 4** during the period of this Order.
- 16) Based on the facts set forth in said affidavit, it is my opinion that the **Interceptees** and others as yet unknown are utilizing the above-captioned cellular telephone at various hours of the day or night. It is therefore respectfully requested that this order be effective at any time during the day or night.
- 17) The authorization sought is also intended to apply to any background conversations intercepted in the vicinity of **TARGET PHONE 3 & 4** while this telephone is off the hook, or otherwise in use; any messages that are left contemporaneously in the voice mail system for **TARGET PHONE 3 & 4**; and conversations that are intended for **TARGET PHONE 3 & 4** but are redirected due to the activation of the telephone service provider's call-forwarding feature.
- 18) No previous Application for the relief sought herein for **TARGET PHONE 3 & 4** has been made.
19. While this Order is in effect, Michael J. Waller, State's Attorney of Lake County, or one of his assistants involved and familiar with the case, will submit progress reports to the Court on or about the tenth, twentieth and thirtieth days following the date of this Order showing what progress has been made toward achievement of the authorized objectives and the need for continued interception. The reports may take the form of the copies of the logs maintained by the law enforcement officers conducting the eavesdropping and summaries of the investigation.

WHEREFORE, it is respectfully requested that the annexed eavesdropping order be issued and made effective for a period of thirty days from the effective date.



PATRICIA FIX  
CHIEF, FELONY TRIAL DIVISION  
LAKE COUNTY, ILLINOIS  
ON BEHALF OF MICHAEL J. WALLER,  
STATE'S ATTORNEY, LAKE COUNTY

SUBSCRIBED AND SWORN TO BEFORE ME  
THIS 18<sup>th</sup> day of February, 2009.



Judge Paul P. Biebel, Jr.  
Presiding Judge of the Criminal Division  
Circuit Court of Cook County

# **EXHIBIT "A"**

## **Electronic Criminal Surveillance Officers**

### **Lake County Major Crime Task Force**

Kyle Helgesen  
Gianni Giamberduca  
Paul Dempsey  
Adam Arnold  
Ralph Gore  
Matt DuChemin  
George Filenko  
Tim Burke  
James Yanacek  
Jessie Gonzalez  
Donald Smith  
Wendell Russell  
Rick Anderson  
Scott Frost  
Michael Young  
Sean Curran  
Dave Thomas

### **Deerfield Police Department**

Vince Nichols  
Rick Bernas  
Marci Landy

006905

STATE OF ILLINOIS       )  
                                  )  
COUNTY OF COOK       )       SS

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION	)	AFFIDAVIT IN SUPPORT OF
OF ORAL COMMUNICATIONS ON	)	AN APPLICATION FOR AN
CELLULAR TELEPHONE NUMBERS	)	ELECTRONIC SURVEILLANCE
773-593-2998 and 773-899-2455 LISTED IN THE	)	ORDER NO. 2009-ESO-003
NAME OF OR LEASED TO MARNI YANG,	)	
(TARGET PHONE 3 & 4)	)	

## AFFIDAVIT IN SUPPORT OF APPLICATION

I, Detective Wendell Russell, your affiant, being duly sworn, depose and say:

### OVERVIEW

This Affidavit will demonstrate that an order authorizing the interception of telephonic communications between Marni Yang and her co-conspirators is necessary to gather sufficient evidence to successfully prosecute Marni Yang for her role in a homicide, as well as, identifying and gathering sufficient evidence to prosecute the other co-conspirators involved in the homicide. This affidavit is submitted in support of the attached application of Patricia Fix, the Chief of the Felony Trial Division in the Lake County State's Attorney's Office on behalf of Lake County State's Attorney Michael J. Waller to demonstrate probable cause for the issuance of an order authorizing the interception, under Chapter 725, Section 5/108B et seq., of the Illinois Compiled Statutes, of oral telephone communications occurring to and from telephone numbers (773) 593-2998 and (773) 899-2455, cellular telephones, listed in the name of Marni Yang ("Target Phone 3 & 4").

Your affiant is one of the case agents for a long-term, complex, homicide investigation together with agents, officers, and deputies from the Deerfield Police Department, the Lake County Major Crimes Task Force and the Lake County State's Attorney's Office.

Since October of 2007, your affiant together with agents from the Deerfield Police Department and the Lake County Major Crime Task Force has been involved in the investigation

006906

of the homicide of Rhoni Rueter and her unborn child. Portions of that investigation utilized court ordered Pen Register under the laws of the State of Illinois on cellular and land line telephones utilized by Marni Yang, Salvador Devera, Andrew Yang and Christi Paschen.. Portions of the investigation utilized search warrants for computers utilized by Marni Yang. Portions of the investigation utilized search warrants for weapons in the home of Marni Yang. Portions of the investigation utilized garbage pulls at the home of Marni Yang. Portions of the investigation involved search warrants for the email records and phone records of Marni Yang. Portions of this investigation involved subpoenas for the phone records of Marni Yang, Christi Paschen, Sal Devera and Andrew Yang.

The current investigation, targets Marni Yang and her co-conspirators in the homicide. The current investigation and call records, as detailed herein, show that Marni Yang utilizes **Target Phone 3 & 4** to engage conversations with other believed co-conspirators. The other targets have used target phones 1, 2, 5, 6, and 7 to communicate or attempt to communicate with Marni Yang while she was being questioned by the police, as well as, during the homicide.

#### **I. EXPERIENCE OF YOUR AFFIANT**

I, Detective Wendell Russell, am an investigative law enforcement officer in the State of Illinois within the meaning of Title 18, United States Code, Section 2510(7) who is empowered by law to conduct investigations of, and to make arrests for, the offenses enumerated in Title 18, United States Code, Section 2516.

I am currently employed as a Detective with the Lake County Sheriff's Department. I have served in that capacity since November 1988. In connection with my official Lake County Sheriff's Department duties, I investigate criminal violations and I have received specialized training in the enforcement of the laws concerning homicides. I have been involved in various types of electronic surveillance, and in the debriefing of defendants, witnesses and informants, as well as, others who have knowledge of the homicides, and of the concealing of those homicides.

In or about 1990, your affiant was employed by the Lake County Sheriff's Department charged with enforcing the laws of the State of Illinois. Your affiant received approximately 400 hours of law enforcement training in a law enforcement academy wherein your affiant received special training on patrol, investigations, traffic laws, defensive tactics, firearms, narcotics

006907

identification, interviews and interrogation, and other general law enforcement topics customarily taught to state and local law enforcement. Your affiant was employed for two years as a Court Security Deputy with the Lake County Sheriff's Department. Your affiant was promoted from Court Security to the Highway Patrol Division, where your affiant spent five years as a Highway Patrol Deputy and in the Community Services Division. Your affiant was promoted to Detective in the Criminal Investigations Division where he is currently assigned.

In 1994, your affiant was assigned the additional duty of assisting the Lake County Major Crime Task Force. Your affiant underwent an intensive 80 hour training program in homicide investigations. While with the Lake County Major Crime Task Force, your affiant has participated in multiple homicide investigations. Your affiant has participated in homicide investigations that have often involved the use of judicially authorized electronic devices including pen registers, tracking orders and consensual overhear orders that were used to aid in the identification of suspect and her or her conspirators. I have personally authored the affidavits in support of the Consensual Overhear Orders, Tracking Orders, and Pen Register Order that are currently being used and have been used in this case to investigate Marni Yang.

Your affiant was certified by the Illinois State Police as an Electronic Criminal Surveillance Officer ("ECSO") in July of 2005 and such certification remains in good standing. Your affiant has participated in and received specialized training involving the interception of wire communications.

Over the course of your affiant's law enforcement career, your affiant has become familiar with and has participated in all of the traditional methods of investigation, including, but not limited to: foot surveillance; automobile surveillance; aviation surveillance; the interviewing of witnesses, subjects, confidential sources; the use of confidential sources ("CS"); the use of pen registers; the use of tracking orders; the use of consensual overhear orders; as well as undercover operations. Your affiant has had the opportunity to interview numerous individuals involved in homicides. Your affiant is aware that the homicide suspects employ systems in their attempt to conceal themselves and their activities from law enforcement.

The information in this Affidavit is drawn from interviews, public and/or open source materials, law enforcement databases, law enforcement reports, court-authorized pen registers, tracking devices, physical surveillance, and information received from other law enforcement agents

006908



and/or officers, my experience and training, as well as the experience of other agents and/or officers.

## II. TARGETED INDIVIDUAL AND PREDICATE OFFENSES

Your affiant and other agents/officers assigned to the Lake County Major Crime Task Force are involved in an ongoing homicide investigation involving numerous individuals believed to be acting in concert with Marni Yang. Known individuals are Christi Paschen, Salvador Devera and Andrew Yang. Marni Yang is utilizing telephone numbers (773) 593-2998 and (773)899-2455, cellular telephones, listed in the name of Marni Yang ("Target Phone 3 & 4") in furtherance of concealment of the homicide of Rhoni Rueter and her unborn child.

It is believed that the interception of telephone communications being conducted by Marni Yang will concern the following offenses specified in Chapter 720 of the Illinois Compiled Statutes: First Degree Murder, Chapter 720 ILCS 5/9-1; which have been committed and continue to be committed by Marni Yang, Andrew Yang, Christi Paschen and Salvador Devera.

## III. COMMUNICATIONS CARRIER INFORMATION AND PRIOR APPLICATION

Your affiant has obtained through subpoenaed records the following information regarding the targeted cellular telephone numbers (773) 593-2998, **Target Phone 3** and (773)899-2455, **Target Phone 4**:

- a.) **Target Phone 3** – 773-593-2998 is a cellular telephone operated on the network of Celco Partnership dba Verizon Wireless, listed in the name of (or leased to) Marni Yang. The cellular telephone is registered to the address of 5137 N. Saint Louis Avenue, Chicago, Illinois 60625. Your affiant is aware based on the facts set forth in this affidavit that this phone is being used by Marni Yang.
- b.) **Target Phone 4**– 773-899-2455 is a cellular telephone operated on the network of Celco Partnership dba Verizon Wireless, listed in the name of (or leased to) Marni Yang. The cellular telephone is registered to the address of 5137 N. Saint Louis Avenue, Chicago, Illinois 60625. Your affiant is aware

based on the facts set forth in this affidavit that this phone is being used by Marni Yang.

- c.) There are no previous court orders for a private oral telephone interception on the aforementioned telephone numbers to the best of your affiant's knowledge.
- d.) No applications for termination of telephone service for the aforementioned numbers have been received by Celco Partnership dba Verizon Wireless to the best of your affiant's knowledge.

#### **IV. THE GOALS AND OBJECTIVES OF THIS INVESTIGATION**

Your affiant together with the agents and officers investigating the homicide of Rhoni Rueter and her unborn child expect to fulfill the following goals and objects of this investigation as follows:

Your affiant together with the agents and officers investigating the homicide of Rhoni Rueter and her unborn child expect to fulfill the following goals and objects of this investigation as follows:

- a) The identification of all individuals acting in concert with Marni Yang to conceal her involvement in the homicide of Rhoni Rueter and her unborn child.
- b) The procurement of evidence necessary in the form of statements necessary to prosecute and convict Marni Yang of the offense of Homicide in violation of 720 ILCS 5/9-1.
- c) The identification of all witnesses to these crimes who can provide evidence against Marni Yang and who can assist the police in identifying and apprehending Marni Yang for the offense of Homicide in violation of 720 ILCS 5/9-1.
- d) The determination of the whereabouts of a 9mm weapon involved in the Homicide and the specific whereabouts of Marni Yang during the 48 hours period surrounding the Homicide of Rhoni Rueter and her unborn child.

**006910**

- e) In the event of Marni Yang's incarceration, the identification of any additional co-conspirators in said Homicide.

## **V. PROBABLE CAUSE**

On Thursday, October 4, 2007, at approximately 8:00am, officers of the Lake County Major Crimes Task Force and the Deerfield Police Department responded to the area 441 Elm Street, Deerfield, Lake County, Illinois for a report of a Homicide. Upon arrival, officers located one female victim who was pregnant and had been shot approximately seven times. Forensic evidence indicates that a 9mm handgun was used. Both the female victim and her unborn child were pronounced dead at the scene. Your affiant states the victim was identified as Rhoni Rueter and that the victim's boyfriend and father of her unborn child is Shaun Gayle. Your affiant states that during the course of investigation a subject identified as Marni Yang has become a suspect in the homicide. Your affiant further states that Marni Yang has been identified as one of several girlfriends Shaun Gayle was known to have.

Your affiant learned that Marni Yang was jealous of Shaun Gayle's other girlfriends. Your affiant states that Marni Yang was upset upon learning that Rhoni Rueter was pregnant with Shaun Gayle's child. Marni Yang is believed to have sent to all of Shaun Gayle's girlfriends packets of information including letters and emails containing negative information regarding Shaun Gayle's activities and character while she and Shaun Gayle had a dating relationship. During an interview with Marni Yang, Marni Yang stated that she would search information on telephone numbers, addresses, and names she would find while looking through Gayle's day planners and notes while in his residence. Marni Yang stated that she obtained most of the information while accessing Gayle's private e-mail of which she obtained his account

**006911**

information and passwords. She stated she would often call one of the telephone numbers and hang up. While she denied contacting any of Shaun Gayle's other girlfriends, phone records and interviews obtained show that Marni Yang has on more than one occasion contacted some of Shaun Gayle's other girlfriends. Records from a telephone bill retrieved from a garbage pull at Marni Yang's residence show multiple phone numbers and names of girlfriend's of Shaun Gayles.

Financial records show that Marni Yang used two Internet search companies, Intellius and National Data Research to search information of Rhoni Rueter. Marni Yang admitted to doing a phone number check that came back to Rhoni Rueter and receiving Rhoni Rueter's name and Deerfield address from that check. Marni Yang further admitted to running a license plate check through Nation Data research on Rhoni Rueter's vehicle license plate on August 2, 2007.

Your affiant further states that Marni Yang has access to a program that records keystrokes and admitted to a friend that she used a keystroking software program on a computer at Shaun Gayle's residence to access his personal computer, electronic contact and email information. Your affiant, states that this was done while Marni Yang was at the residence of Shaun Gayle when Shaun Gayle would be out of the room or laying on the couch in said residence. The keystroking program would access Shaun Gayle's computer passwords and information allowing the keystroker (Marni Yang) unlimited access to passwords and email account information of Shaun Gayle. Roni Rueter's email accounts were accessed and derogatory emails were sent to Rhoni Rueter's supervisors at work in May of 2007 by an as yet unknown individual. Based on interviews with associates of Marni Yang, Yang has stated that she had studied emails from an ex-girlfriend of Shaun Gayle to gather information on how she talks and writes. Based on interviews with Andrew Yang, Marni Yang had been keeping track of

006912

Shaun Gayles other girlfriends. Based on information obtained from garbage pulls at Marni Yangs house and a search warrant of her home and computer, Marni Yang has sent letters to Shaun Gayle's present and ex-girlfriends.

A search of Marni Yang's remaining computers showed that Marni Yang had Mapquest directions from Marni Yang's work office in Buffalo Grove to the victim Rhoni Rueter's home in Deerfield where the homicide occurred. Marni Yang admitted to looking up where Rhoni Rueter lived through Yahoo maps.

Your affiant has also learned during the course of his investigation that Marni Yang was previously involved with a married Chicago Police Officer. Your affiant states that upon learning that her married boyfriend had impregnated his wife, Marni Yang became extremely upset and threatened to kill the Chicago Police Officer's wife and their children. Your affiant states that the Chicago Police Officer subsequently obtained an order of protection against Marni Yang. Your affiant confirmed through the Chicago Police Department that Marni Yang had an order of protection issued against her protecting the married man, his wife and their children.

Your affiant states that investigation has revealed that on August 3, 2007, Marni Yang used her credit card to make an on-line purchase of a book entitled "How to Make a Disposable Silencer" volume one and two from Ray Riling Arms. The subject matters includes how to make homemade silencers for 9mm firearms. Your affiant states that the book purchased was delivered, next day overnight, to Marni Yang's address, 5137 N. Saint Louis Avenue, Chicago, IL 60625, and received on August 4, 2007. Credit Card records show that on the same day Marni Yang received "How to Make a Disposable Silencer" she made two trips to Home Depot, purchasing all the equipment recommended in the book for how to make a silencer. Marni Yang stated during an interview that she bought all the items at Home Depot for a silencer science

006913

project for one of her children on noise displacement. A witness who was in the vicinity of the homicide described hearing sounds consistent with those of a silencer discharge.

Your affiant learned from the Illinois State Police that Marni Yang is the owner of several firearms and has a valid FOID card although none of them a 9mm. Your affiant further states that Marni Yang had access to and took possession of other weapons in the summer of 2005 when she assisted in the clearing out of a relative's estate in Florida. The relative, Jordan Rabin, was a security guard in the state of Florida with a concealed, carry permit; one of the weapons he owned was a 9mm weapon.

Your affiant states that information received from the Department of Homeland Security further confirms that on October 14, 2005 at 12:59 hours Marni Yang was a passenger on a United Airlines Flight 1567 from Florida to Illinois and failed to declare two firearms, as well as, two hundred rounds of ammunition. One of the firearms was a 9mm handgun. That 9mm firearm was eventually allowed on the flight to Illinois by Homeland Security. The 9mm weapon was not found during a search of Marni Yang's house. During an interview with Marni Yang, she stated the weapon had been stolen; however, there exists no police report regarding the theft.

Your affiant has further learned that Sal Devera, a boyfriend of Marni Yangs, would take Marni Yang to the shooting range. Sal Devera would also stay at her house overnight and watch Marni Yang's children. Sal Devera and Marni Yang had been to the shooting range in August and September of 2007. Your affiant has learned that a representative of the shooting range recalls Marni Yang getting the Hoag grips changed on a 9mm weapon that she was using at the range. Sal Devera paid for the grips and he and a range employee changed out the grips on the 9mm handgun. This was done after the aforementioned incident with Homeland Security. Sal Devera was not forthcoming with this information during one of the occasions he spoke with

006914

members of the Lake County Major Crimes Task Force. Sal Devera further stated that Marni Yang gave him the aforementioned book "How to make a Disposable Silencer" for his birthday.

On October 3, 2007, the night before the homicide, your affiant states that Marni Yang was to meet with Christi Paschen and her boyfriend regarding a real estate transaction. Your affiant states that Marni Yang told Detectives during her interview that she did not show up for this meeting with Christi Paschen and her boyfriend because she had car troubles. Your affiant further states that Christi Paschen confirmed that Marni Yang stated to her that she had car troubles and that she did not meet with her. However, information received from other evidence indicates that Marni Yang stayed at Christi Paschen's residence the night before Rhoni Rueter's homicide.

Credit Card records show that Marni Yang purchased a TracFone on 9-26-07. Cell tower records show that TracFone in the vicinity of Christi Paschen's residence on the day of the homicide, October 4, 2007. TracFone records show that the same TracFone ("drop phone") was provided as a contact number to Enterprise Rental Car by Marni Yang on October 2, 2007 while renting a vehicle in another name. TracFone records show that a call was made on the day of the homicide to Christi Paschen's work number (TARGET PHONE 6) at approximately 9:00 a.m., as well as, a call to Andrew Yang's old cellular telephone number, now TARGET PHONE 5. Christi Paschen and Andrew Yang were the only people, other than Enterprise Rent-A-Car, that Marni Yang communicated with on the TracFone.

On October 2, 2007 Marni Yang rented a 2008 Kia from Enterprise Rental Car at 400 W. Dempster Street, Mount Prospect, Illinois and returned it the following day, October 3, 2007, after being driven 5 miles. Christi Paschen's residence is located at 2125 Tonne Drive, Arlington Heights, Illinois. 5 miles is the round trip distance from Christi Paschen's home to Enterprise

006915

Rental Car. On that same day, October 3, Marni Yang requested another vehicle in exchange for the Kia Rondo and was issued a black 2008 Volkswagon Rabbit. The Volkswagon was returned on October 4, 2007 at approximately 9:24AM, with 40 miles of usage. This is the round trip distance from Christi Paschen's home to Rhoni Rueter's home in Deerfield, Illinois. The car was paid for in cash. Enterprise employees identify Marni Yang as the individual requesting the 2<sup>nd</sup> car.

Witnesses describe a small individual with curly hair, possibly wearing a wig and possible black paint or make up walking into Rhoni Rueter's apartment building and later running in the parking lot after the homicide occurred into a black mid sized car of an unknown make and model. Credit Card records show that Marni Yang purchased at Walgreens on October 3, 2007 a swim cap, hair net, calculator/clock, alarm clock. Credit Card records show Marni Yang purchased a plastic bucket of anchoring concrete from Home Depot on October 5, 2007. During the interview, Marni Yang stated that she threw the 5-10 pound bag out in the garbage on couple days later because it had gotten hard. However, the concrete does not show up in her garbage pulls done during that time.

#### **VI. PEN REGISTER AND PHONE SUBPOENA ANALYSIS**

On October 21, 2008, your affiant submitted an application pursuant to section 3122 (a)(2) of Title 18 of the United States Code, for an order authorizing the installation and use of a pen register and caller identification trap and trace device. The Honorable Judge Daniel Shanes of the Nineteenth Judicial Circuit issued a pen register order on October 21, 2008. On December 18, 2008, the Honorable Judge Daniel Shanes extended that Order.

Based on telephone records and interviews; Marni Yang, Sal Devera, Christi Paschen and Andrew Yang all spoke and/or texted on multiple occasions on October 3, 4<sup>th</sup> and 5<sup>th</sup>, 2007, the

**006916**



relevant dates of the Homicide. Specifically, Marni Yang and Christi Paschen had phone communication at Paschen's work number 847-586-8682 (**TARGET PHONE 6**) and Marni Yang's cell phone on the day of the homicide, October 4, 2007 regarding the homicide. Andrew Yang phoned and texted Marni Yang on his personal cell phone (773-433-9561) that she provided him (the number has since changed to 773-896-6442 (**TARGET PHONE 5**)) the night before and the day of the homicide and provided an alibi for Marni Yang on the evening of October 3<sup>rd</sup> into the day of October 4<sup>th</sup>, stating that she was sleeping in their house located at 5137 N. Saint Louis Avenue, Chicago, IL 60625.

On December 10, 2007 members of the Lake County Major Crimes Task Force interviewed Marni Yang regarding her whereabouts on October 3<sup>rd</sup> and 4<sup>th</sup>, as well as, and whether Christi Paschen or Andrew Yang saw her during any of those times. The interview began at approximately 2:30pm CST. At 4:15pm CST the interview ended. Marni's cell phone records (773-593-2998 **TARGET PHONE 3**) for December 10, 2007, shows Marni called Christi Paschen's work (847) 586-8682 (**TARGET PHONE 6**), at 4:21pm (CST) and 7:20pm (CST) and 7:25pm (CST). Marni's cell phone records (773-593-2998 **TARGET PHONE 3**) for December 10, 2007, also shows Marni called Sal Devera at (773)636-5080 (**TARGET PHONE 1**) at 6:07pm (CST), 7:03pm(CST), 7:04pm (CST), 7:07pm(CST) and 10:08pm (CST).

On January 4, 2008 officers of the Lake County Major Crimes Task Force executed a search warrant on her home at 5137 N. St. Louis, Chicago and again interviewed Marni Yang regarding the homicide. On January 4, 2008 Marni Yang's cell phone (773-593-2998 **TARGET PHONE 3**) receives incoming calls from Sal Devera's phone (773-636-5080 **TARGET PHONE 1**) at 8:11am (CST), and 8:16am (CST) and 8:49am (CST), and 9:00am (CST), and 9:18am (CST). Marni Yang's cell phone (773-593-2998 **TARGET PHONE 3**) also receives incoming

006917

calls from a work number of Christi Paschen's (847-586-8705) at 2:19pm (CST).

Marni Yang's questioning by the Lake County Major Crimes Task Force is completed on January 6, 2008, based on telephone records obtained, Marni Yang, upon release from questioning on January 6, 2008 communicated with Sal Devera, Christi Paschen and Andrew Yang after her interviews. Specifically that on 1-7-08, within hours after being released from questioning, Marni Yang used her cell phone 773-593-2998 (**TARGET PHONE 3**) to call Christi Paschen's work phone 847-586-8682 (**TARGET PHONE 6**) at 10:29am (30 seconds), 10:30am (11 minutes), 12:15pm (36 seconds), 12:23pm (42 minutes), and at 1:13pm. Christi Paschen's work phone 847-586-8705 calls Marni Yang's cell phone 773-593-2998 (**TARGET PHONE 3**) at 12:23pm (CST) on the same date. Your affiant states that during her interview Marni Yang provided 773-593-2998 (**TARGET PHONE 3**) as a contact number for herself to Detectives. On January 15, 2008 Marni Yang opened another cellular telephone account with Verizon Wireless using telephone number 773-899-2455 (**TARGET PHONE 4**). Your affiant states that Marni Yang concealed this telephone number from Detectives of the Lake County Major Crimes Task Force. Information from the Pen Register as to both phone numbers shows that Marni Yang uses both numbers to contact targets equally.

Based on email records retrieved from Christi Paschen's work; on January 8, 2008, after the phone communications with Marni Yang, an email is sent by Christi Paschen to her boyfriend, stating in summary and not verbatim, that in case of emergency to call Marni's cell 773-593-2998 (**TARGET PHONE 3**). Your affiant believes the emergency could have been if Christi Paschen was picked up by the police.

Your affiant further states that Marni Yang has stated to Detectives that Christi Paschen is

a very close friend and that they speak on the phone multiple times a week. Your affiant states that evidence shows that Marni Yang had multiple phone contacts with Christi Paschen using a disposable cell phone, "drop phone", mentioned previously, during the Homicide that was concealed from Detectives during interviews with all parties. Evidence from a track and trace done on Marni Yang's cell phone 773-593-2998 (TARGET PHONE 3) shows that Marni Yang's cell phone bounced off cell phone towers in the area around Christi Paschen's apartment in a period of 48 hours prior to the homicide.

Evidence from a track and trace done on the "drop phone" paid for by Marni Yang shows Marni Yang was picked up at Christi Paschen's apartment within 48 hours of the offense by Enterprise Rent-a-Car to rent a car, which she concealed from Detectives. Enterprise records show that the car was rented by Marni Yang and paid for in cash. Your affiant further states that evidence shows the car rented by Marni Yang is consistent with the description of black car seen fleeing the scene of the homicide.

Your affiant further states that Andrew Yang, Marni Yang's son, stated to Detectives of the Lake County Major Crimes Task Force during an interview that he was instructed by his mother, the suspect, Marni Yang, to state that she was home during the morning of October 4, 2007 if he was asked by the police.

Furthermore, that based on Pen Register's acquired and running Marni Yang continues to communicate via phone on cell 1, 773-593-2998 (TARGET PHONE 3), cell 2 773-899-2455 (TARGET PHONE 4), and home 773-754-7373 (TARGET PHONE 2). Andrew Yang no longer uses his old cell 773-433-9561, however based on subscriber information and frequency reports. Marni Yang pays for a new cell 773-896-6442 (TARGET PHONE 5) that appears to be used by

the children. Christi Paschen actively uses her home 847-695-1006 (TARGET PHONE 7) and work 847-586-8682 (TARGET PHONE 6). Based on frequency reports acquired on all the aforementioned numbers, (773-593-2998 TARGET PHONE 3 and 773-899-2455 TARGET PHONE 4 and 773-754-7373 TARGET PHONE 2), Marni Yang continues to communicate with 773-896-6442 (TARET PHONE 5 believed to be her son's cell phone) and Christi Paschen at 847-695-1006 (TARGET PHONE 7) and 847-586-8682 (TARGET PHONE 6).

Members of the Lake County Major Crimes Task Force intend to speak with Sal Devera, Christi Paschen and Andrew Yang again on February <sup>23, 24, 25 and 26</sup> ~~9~~, ~~18~~ and ~~10~~, 2009 regarding discrepancies in their statements to the police, their knowledge of Enterprise car rental of Marni Yang, their knowledge of purchases of Marni Yang relating to the homicide, their knowledge of Marni Yang's concealment of a 9mm weapon, their knowledge of Marni Yang's purchase of a TracFone, "drop phone", and phone communication with Marni Yang on the date of the homicide.

Based on the aforementioned facts, your applicant has reason to believe that Marni Yang will attempt communication with Sal Devera, Christi Paschen and/ or Andrew Yang (Interceptees) after Sal Devera, and/or Christi Paschen and/or, and Andrew Yang are questioned by members of the Lake County Major Crimes Task Force regarding the homicide of Rhoni Rueter outlined above.

Your affiant further states that results from Pen Register previously authorized and installed and frequency reports based on the aforementioned pens show that all the referenced telephone numbers, for all the person's having possible knowledge of the homicide of Rhoni Rueter including Marni K. Yang, DOB: 12/19/1967, Andrew Yang, DOB 1-22-91, Christi Paschen, DOB 3-5-59 and Sal Devera, DOB:9/20/70 (Interceptees) and their phone numbers 773-754-7373

(TARGET PHONE 2), 773-593-2998 (TARGET PHONE 3), 773-899-2455 (TARGET PHONE 4), 847-695-1006 (TARGET PHONE 7), 847-586-8682 (TARGET PHONE 6), 773-896-6442 (TARGET PHONE 5), and 773-636-5080 (TARGET PHONE 1) are actively being used to dial other telephone numbers also currently under investigation. Further, the interception sought in the attached Application for an Electronic Surveillance Order will occur within Cook County, Illinois.

#### **VII. CRIMINAL HISTORY OF MARNI YANG**

Your affiant has performed a check of the criminal history of Marni Yang, with a date of birth of December 19, 1967 and learned that Marni Yang's criminal history reveals that she has not been arrested for any offense and has no identifiable criminal history.

#### **VIII. CRIMINAL HISTORY OF INTERCEPTTEES:**

- a) Andrew Yang, with a date of birth of January 22, 1991, reveals that he has been assigned Illinois State ID Number IL61555050, and FBI number 9347TC9. Andrew Yang was arrested on June 9, 2008 and charged with Delivery of Cannabis to an individual under the age of 18 in violation of 720 ILCS 550/7-A. On October 24, 2008 this case was dismissed. Andrew Yang further has one Juvenile arrest for Criminal Trespass to Land in violation of 720 ILCS 5/21-3-A-2.
- b) Sal Devera, a check of the criminal history of Salvador Devera, with a date of birth of September 20, 1970 revealed that Salvador Devera has not been arrested for any offense and has no identifiable criminal history.
- c) Christi Paschen, a check of the criminal history of Christi Paschen, with a date of birth of March 5, 2959, revealed that Christi Paschen has not been arrested for any offense and has no identifiable criminal history.

## IX. THE USE OF NORMAL INVESTIGATIVE PROCEDURES

This investigation has revealed that Marni Yang, Salvador Devera, Christi Paschen and Andrew Yang have employed, and continue to employ, techniques designed to thwart efforts of law enforcement to detect the activities of the homicide that occurred. They have no or limited criminal histories. Traditional law enforcement techniques have not led to an arrest of Marni Yang.

In addition to the above information detailing the difficulties in investigating the Homicide of Rhoni Rueter and her unborn child, the following traditional investigative tools are limited in reaching the primary goals of this investigation as follows:

a) Physical surveillance without the aid of court authorized eavesdropping will not enable your affiant to achieve the goals of this investigation. Conversations regarding named individuals involvement or knowledge of Marni Yang's participation in the Homicide of Rhoni Rueter would be private in nature.

b) Search Warrants executed on the home of Marni Yang and Marni Yang's parents have been utilized but have not yielded a 9mm weapon involved in the Homicide, although it did yield all other weapons registered to Marni Yang and possessed by her.

c) Court Ordered Pen Registers and their extensions have been utilized in this investigation involving the telephones used by Marni Yang, Christi Paschen, Sal Devera and Andrew Yang. These pen registers have provided information regarding telephone numbers dialed to and from the target telephones.

d) A trash analysis was executed at Marni Yang's residence soon after the Homicide in the hopes of finding evidence related to the Homicide including clothing worn, masks, make up, wigs, and/ or weapons. A computer hard drive was found during said trash analysis, however, a drummel tool had been bored into the hard drive thereby destroying any opportunity for forensic analysis.

e) Interview have been conducted with Marni Yang, however, she has denied involvement

in the Homicide and provided implausible excuses for purchasing a silencer book and for the whereabouts of the missing 9mm weapon. She provided an alibi for herself at the time of the Homicide saying her personal cell phone tower records place her in her home sleeping at the time of the Homicide and her car had a broken battery.

At the conclusion of her interview, she requested to speak with a lawyer and it was not until after the interview that investigators from the Lake County Major Crime Task Force discovered that Marni Yang had purchased & used a separate TracFone, "drop phone", during the time of the homicide that placed her in the location of Christi Paschen's residence around the time of the Homicide, as well as, rented a car that was dropped off at Christi Paschen's residence.

It was also not until after the interview, that members of the Lake County Major Crime Task Force discovered through Immigration and Customs Enforcement records that Marni Yang had brought a 9mm weapon from Florida into Illinois on an airplane.

f) Attempts have been made to further trace the ownership history of the 9mm weapon that Marni Yang possessed when she went through Airport Security to provide forensic comparison with the discharged shells at the scene of the Homicide and have failed.

g) The use of confidential sources of information has been useful in this investigation and is expected to continue to provide valuable information but they are unable to furnish information that would fully identify all members of this conspiracy and accomplish all the goals of this investigation. For example, CS1 is able to give descriptions of Marni Yang's time on the phone, computer and the car she drives, as well as, possible plans to relocate out of the Country. CS1 only has limited information with respect to specific activities regarding the homicide and is not able to identify Marni Yang's whereabouts on the day of the Homicide and/ or the location of the 9mm weapon

Your affiant believes that all the above investigative techniques have been exhausted. Therefore, your affiant firmly believes that an order authorizing the interception of telephonic communications of Marni Yang is necessary to gather information on Marni Yang's; Christi Paschen's, Andrew Yang's and Sal Devera's knowledge of and involvement in said Homicide.

## X. CONCLUSION

During the course of this investigation, your affiant, in most instances, has authored or reviewed police reports in reference to suspected targets involved in the homicide of Rhoni Rueter and her unborn child. After evaluating all the information derived from the investigative techniques described in this affidavit, your affiant states the following:

a) There is probable cause to believe that Marni Yang is involved in a homicide, and that Salvador Devera, Christi Paschen and Andrew Yang (Interceptees) are and/ or have acted to assist Marni Yang in the concealment of the Homicide and have had telephone conversations at all times proximate to police questioning regarding the Homicide in violation of 720 ILCS 5/9-1 specified in Section II of this Affidavit.

b) That telephonic communication is an intricate aspect of the continued concealment of said homicide. Salvador Devera, Christi Paschen, Andrew Yang and Marni Yang (Interceptees) use and rely on their telephones to communicate after each of the interviews Marni Yang has had involving her involvement in the offense of Homicide. Therefore, your affiant believes that intercepting oral communications occurring between Target Phone 3 & 4, as utilized by Marni Yang, upon questioning of Christi Paschen, Andrew Yang and Sal Devera regarding her involvement in the Homicide on February 17<sup>th</sup>, 18<sup>th</sup> and 19<sup>th</sup>, 2009.

c) That the interception will assist in identifying the extent of said violator's involvement in said Homicide, as well as, provide information regarding possible other evidence in said Homicide.

Based on aforementioned information pertaining to Target Phone 3 & 4 there is probable cause to believe that conversation concerning the felonies listed in Section II of this affidavit, will occur over Target Phone 3 & 4. It is therefore requested that the eavesdropping Order be effective for a period of thirty (30) calendar days. It is further requested that this Order not automatically terminate when the sought communications are first intercepted. Because of the continuing nature of the criminal activity described herein, it is important that the interceptions do not terminate



after the first conversation concerning the Homicide has been intercepted. The very nature of the investigations and planned interviews of all parties regarding their involvement in the Homicide makes the likelihood of additional criminal conversation a certainty, and to attain the goals of this investigation, it is important that interceptions not terminate after the first conversation has been intercepted.

The conversations will be intercepted and monitored under the supervision of electronic criminal surveillance officers Detective Wendell Russell, Commander Don Smith, Detective Jesse Gonzalez and Detective Rick Anderson. All monitors who will be intercepting such conversations are electronic criminal surveillance officers certified by the Illinois State Police and employed by the DEA and/or FBI. All electronic criminal surveillance officers will in good faith use minimization procedures to intercept and record only those conversations relating to the felonies described herein. A list of certified electronic criminal surveillance officers is attached as Exhibit A.

To the knowledge of your affiant, no previous application for an Electronic Surveillance Order has been requested on the aforementioned telephone number.

Wherefore, your affiant requests that an electronic audio intercept eavesdropping warrant be issued.

Det. W. Russell #794  
Detective Wendell Russell  
Lake County Major Crime Task Force

Jane P. Biebel 1688  
Subscribed and Sworn Before Me this 18th Day of February, 2009.  
Judge Paul P. Biebel, Jr.  
Presiding Judge of the Criminal Division  
Circuit Court of Cook County

STATE OF ILLINOIS    )  
                              )   SS  
COUNTY OF COOK    )

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION	)	
OF ORAL COMMUNICATIONS ON	)	ORDER OF COOPERATION FOR
CELLULAR TELEPHONE NUMBERS	)	ELECTRONIC SURVEILLANCE
773-593-2998 & 773-899-2455 LISTED	)	ORDER NO. 2009-ESO-003
IN THE NAME OF OR LEASED TO	)	
MARNI YANG,	)	
(TARGET PHONE 3 & 4)	)	

## ORDER OF COOPERATION

I, Judge Paul P. Biebel Jr., Presiding Judge of the Criminal Division of the Circuit Court of Cook County, Illinois, having been authorized under Chapter 725, Section 5/108B-1 of Illinois Compiled Statutes, received a sworn Application from Patricia Fix, Chief of the Felony Trial Division of the Lake County State's Attorney's Office, on behalf of Michael J. Waller, State's Attorney of Lake County, which was supported by an affidavit from a law enforcement officer, for an order to intercept certain private oral telephonic communications. After reviewing said documents, I signed an order authorizing the interception of telephone conversations occurring on the following instrument:

Cellular telephone numbers 773-593-2998 and 773-899-2455, cellular telephones operated on the network of Celco Partnership dba Verizon Wireless, listed in the name of (or leased to) Marni Yang hereinafter, Target Phone3 & 4.

An order for a pen register for **Target Phone 3 & 4** is currently in affect.

The order to intercept oral telephonic conversations over this cellular phone number will begin on the day on which oral monitoring actually begins or seven (7) days after the signature date on this order, whichever occurs first, and runs for an initial period of thirty (30) days unless terminated earlier if the goals of the investigations are achieved.

IT IS HEREBY ORDERED, that the agents and employees of Celco Partnership dba Verizon Wireless are directed not to divulge the contents of this Order or the existence of electronic eavesdropping over the above-captioned telephone number and instrument to any person, including, but not limited to, the subscriber of the above-captioned telephone instrument, whether or not this subscriber requests that said telephone instrument be checked for the existence of telephonic eavesdropping equipment.

IT IS FURTHER ORDERED, that Celco Partnership dba Verizon Wireless provide forthwith to Michael J. Waller, State's Attorney of Lake County, his agents, and /or the Lake County Major Crimes Task Force and the Cook County State's Attorney's VPN Tunnel with any information, facilities, and technical assistance, including lease lines, necessary for the execution of this Order and all subscriber and billing information, provided that Celco Partnership dba Verizon Wireless is to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

IT IS FURTHER ORDERED, that Celco Partnership dba Verizon Wireless provide an ongoing computer study for **Target Phone 3 & 4** for the duration of this order provided that Celco Partnership dba Verizon Wireless is to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

IT IS FURTHER ORDERED, that Quest Communications, PCS Primeco, Celco Partnership doing business as Verizon Wireless, Verizon Legal Compliance, Verizon Wireless, GTE Legal Compliance, SBC Wireless doing business as Ameritech, Ameritech, Southwestern Bell Mobile Systems doing business as Cingular Wireless, SBC Wireless Fraud Group, AT&T Wireless Service, AT&T Network Security, Nextel Communications, Sprint Communications Company, Nextel/Sprint, L.P., Sprint Spectrum, L.P., M.C.I. Communications Company, RCN Telecommunications, T-Mobile USA, US Cellular, Virgin Mobile USA, LLC and Voice Stream Wireless shall furnish upon the written request by agents of the Lake County Major Crime Task Force and/ or Lake County State's Attorney's Office and/or the Cook County State's Attorney's VPN Tunnel, special computer studies and/or FDS studies originating from and terminating at **Target Phone 3 & 4** from the date of this order until this order expires, provided that said companies are to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

IT IS FURTHER ORDERED, that Quest Communications, PCS Primeco, Celco Partnership doing business as Verizon Wireless, Verizon Legal Compliance, Verizon Wireless, GTE Legal Compliance, SBC Wireless doing business as Ameritech, Ameritech, Southwestern Bell Mobile Systems doing business as Cingular Wireless, SBC Wireless Fraud Group, AT&T Wireless Service,

AT&T Network Security, Nextel Communications, Sprint Communications Company, Sprint/Nextel, L.P., Sprint Spectrum, L.P., M.C.I. Communications Company, RCN Telecommunications, T-Mobile USA, US Cellular, Virgin Mobile USA, LLC and Voice Stream Wireless shall provide forthwith to Michael J. Waller, State's Attorney of Lake County, his agents and/or the Lake County Major Crime Task Force all subscriber and billing information for all telephone numbers and information recovered pursuant to Electronic Surveillance Orders No. 2009-ESO-001 and/or listed in the computer studies and/or FDS studies, and are not to disclose the existence of the Court's Orders or of this investigation to the listed subscribers, customers or to any other person unless or until otherwise ordered by the Court, provided that said companies are to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

IT IS FURTHER ORDERED that this order is binding on any subsequent service provider providing electronic communications service to cellular number 773-593-2998 and 773-899-2455.

IT IS FURTHER ORDERED that this order remains valid not only to the above listed telephone number, but also to any other phone numbers accessed through the instruments bearing the same ESNs.

BY: Paul P. Biebel Jr. 16886  
Judge Paul P. Biebel Jr.  
Presiding Judge of the Criminal Division  
Circuit Court of Cook County

DATE: 2-18-09

TIME: 5:00 PM

STATE OF ILLINOIS )  
 ) SS  
COUNTY OF COOK )

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION )  
OF ORAL COMMUNICATIONS ON ) ORDER FOR AN  
CELLULAR TELEPHONE NUMBER ) ELECTRONIC SURVEILLANCE  
773-593-2998 and 773-899-2455 LISTED ) ORDER NO. 2009-ESO-003  
IN THE NAME OF OR LEASED TO, )  
MARNI YANG )  
(TARGET PHONE 3 & 4) )

**ORDER**

I, Paul P. Biebel Jr., Presiding Judge of the Criminal Division, Circuit Court of Cook County, Illinois, state that the Chief Judge of the Circuit Court of Cook County, Timothy Evans, delegated to me the authority to receive an application for and enter orders authorizing the interception of private oral communications, pursuant to Chapter 725, Section 5/108 B-1 of the Illinois Compiled Statutes.

Application under oath having been made before me by Patricia Fix, Chief of the Felony Trial Division of the Lake County State's Attorney's Office, on behalf of Michael J. Waller, State's Attorney of Lake County, for an order authorizing the interception of private oral communications, said application incorporating the sworn affidavit of Detective Wendell Russell, a law enforcement officer employed by the Lake County Major Crime Task Force, and full consideration having been given to the matter set forth therein;

**THE COURT FINDS:**

- a. There is probable cause to believe that Marni Yang, Salvador Devera, Christi Paschen and Andrew Yang and others as yet unknown (hereinafter collectively the "Violators"), have committed, are committing, and will continue to commit the

following crimes: First Degree Murder in violation of 720 ILCS 5/9-1 (collectively the "Subject Offenses").

- b. There is probable cause to believe that private oral communications of Marni Yang, Salvador Devera, Christi Paschen and Andrew Yang and others yet unknown, (collectively, the "**Interceptees**"), concerning the Subject Offenses occurring to and from the cellular telephone currently assigned telephone numbers 773-593-2998 and 773-899-2455, serviced by Cellco Partnership dba Verizon Wireless, listed in the name of (or leased to) Marni Yang (hereinafter "**Target Phone 3 & 4**"), as well as any other telephone numbers subsequently assigned to an instrument bearing the same ESN as **Target Phone 3 & 4** and to any other instruments using or assigned to the same telephone number but bearing an ESN different than **Target Phone 3 & 4** within the authorized interception period, will be obtained through the interception for which authorization is herein applied.

In particular, these private oral communications are expected to concern, among other things: (i) the identities of participants, aiders-and-abettors and other coconspirators of the **Violators** in their illegal activities; (ii) the nature, extent and methods of the scheme; (iii) dates, times, places, and manner where in-person meetings take place; (iv) the locations and items used in furtherance of the illegal activities; (v) the existence and location of records associated with this activity; (vi) the extent of the criminal organization in which all the **Violators** participate; (vii) the location and disposition of the proceeds from those activities; and (viii) the subsequent concealment of these illegal activities. In addition, these private oral communications are expected to constitute admissible evidence of the commission of the above-described offenses.

- c. There is probable cause to believe that **Target Phone 3 & 4** is being used and will continue to be used by the **Interceptees** and others as yet unknown in connection with the commission of the Subject Offenses.

- d. The Court further finds that comparable evidence essential for the prosecution of the Subject Offenses and for the attainment of the investigative goals as described in Section IV of the Affidavit of Detective Wendell Russell cannot be obtained by normal investigative methods.
- e. The Court finds that the electronic criminal surveillance officers who will be authorized to supervise and execute this interception are currently certified by the Illinois State Police as electronic criminal surveillance officers.
- f. The Court finds that jurisdiction exists for the Court to issue the following orders.

**IT IS HEREBY ORDERED**, that Michael J. Waller, State's Attorney of Lake County, and electronic criminal surveillance officers from the Lake County Major Crime Task Force and other law enforcement personnel acting under his direction and supervision, are hereby authorized to intercept private oral communications of the **Interceptees** and others as yet unknown occurring to and from **Target Phone 3 & 4**, which authorization shall apply to background conversations intercepted in the vicinity of **Target Phone 3 & 4** while that telephone is off the hook, or otherwise in use, any messages that are left contemporaneously in the voice mail system for **Target Phone 3 & 4**; and conversations that are intended for **Target Phone 3 & 4** but are redirected due to the activation of the telephone service provider's call-forwarding feature, as well as any other telephone numbers subsequently used by or assigned to the instruments bearing the same ESN as **Target Phone 3 & 4** and to any other instruments using or assigned to the same telephone number but bearing a different ESN than **Target Phone 3 & 4**, within the authorized interception period;

**IT IS FURTHER ORDERED** that the service provider for **Target Phone 3 & 4**, Cellco Partnership dba Verizon Wireless and any subsequent service provider that provides service to **Target Phone 3 & 4**, shall furnish the Lake County State's Attorney's office and/or Lake County Major Crime Task Force and other law enforcement personnel assisting in this investigation with all information, facilities and technical assistance necessary to accomplish the interceptions



unobtrusively and with minimum interference with the services that such provider is according the persons whose communications are to be intercepted, and to ensure an effective and secure installation of electronic devices capable of interception of private oral communications over **Target Phone 3 & 4**, as well as to any successor telephone number subsequently assigned to the ESN currently assigned to **Target Phone 3 & 4** and to any changed ESN subsequently assigned to this telephone number, within the authorized interception period of this Order.

**PROVIDED**, that such interceptions shall not terminate automatically after the first interception that reveals the manner in which the **Interceptees for Target Phone 3 & 4** and others as yet unknown conduct their illegal activities, but may continue until all communications are intercepted, which reveal fully the manner in which the **Interceptees for Target Phone 3 & 4** and others as yet unknown are committing the Subject Offenses, and which reveal fully the identities of their co-conspirators, their places and manner of operation, the nature of their activity pertaining to the Subject Offenses and the use and location of proceeds from the Subject Offenses and the authorization shall continue until the objectives of the investigation described in **SECTION IV** of the annexed affidavit of Detective Wendell Russell have been attained, or for a period not to exceed thirty (30) days, measured from the earlier of the day on which investigative or law enforcement officers first begin to conduct an interception under this Order or seven (7) days from the date this Order is entered.

**IT IS FURTHER ORDERED** that because the use of **Target Phone 3 & 4** outside the usual service area of the service provider may result in the provision of service by other cellular service providers (commonly known as "roaming"), this Order shall apply to any other cellular service provider providing service to **Target Phone 3 & 4**.

**IT IS ORDERED FURTHER** that this Order is binding on any subsequent service providers which provide service to **Target Phone 3 & 4** upon service of a copy of this order without further order of this court being required.

**IT IS FURTHER ORDERED**, that this Order shall be executed in a manner designed to minimize the interception of communications not related to the Subject Offenses, and that all electronic criminal surveillance officers shall make a good faith effort to minimize such conversations, and that nothing herein contained shall be construed as authorizing Michael J. Waller, State's Attorney of Lake County, his agents and/or Lake County Major Crime Task Force agents to intercept or overhear any communications which appear privileged or unrelated to the aforementioned crimes.

**IT IS FURTHER ORDERED**, that in the event that an intercepted conversation is in a foreign language and an expert in that language is not immediately available during the interception period, said conversation may be recorded in its entirety and minimization shall take place as soon as practicable after such interception.

**IT IS FURTHER ORDERED**, that the officers who execute this order shall be instructed on and exercise particular caution with regard to any communication concerning conversations by an interceptee and the interceptee's lawyer of record.

**IT IS FURTHER ORDERED**, that as directed in the accompanying order of cooperation, agents and employees of Celco Partnership dba Verizon Wireless are directed not to divulge the contents of this Order or the existence of electronic eavesdropping over the above-captioned telephone lines and instruments to any person, including, but not limited to, the subscriber of the above-captioned telephone instruments, whether or not that subscriber requests that said telephone instruments be checked for the existence of electronic eavesdropping equipment.

**IT IS FURTHER ORDERED**, that Celco Partnership dba Verizon Wireless provide forthwith to Michael J. Waller, State's Attorney of Lake County, his agents and/or the Lake County Major Crime Task Force and/ or the Cook County State's Attorney's VPN Tunnel with any information, facilities, and technical assistance, including lease lines and subscriber information necessary for the execution of this Order, provided that Celco Partnership dba Verizon Wireless is to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

**IT IS FURTHER ORDERED** that Celco Partnership dba Verizon Wireless provide twenty-four hour a day assistance to include switch based solutions including precision location based information queries and Celco Partnership dba Verizon Wireless is required to lend all reasonable assistance to permit the Lake County Major Crime Task Force to triangulate target location, including but not limited to GPS Technology and terminating interfering service on the target telephone, provided Celco Partnership dba Verizon Wireless is to be compensated therefore at the prevailing rates by the Lake County Major Crime Task Force.

**IT IS FURTHER ORDERED** that the interception of private oral communications under this Order shall be monitored 24 hours a day.

**IT IS FURTHER ORDERED**, that Michael J. Waller, State's Attorney of Lake County, or one of his assistants, shall submit progress reports to the Court on or about the tenth, twentieth and thirtieth days following the date of this Order showing what progress has been made toward achievement of the authorized objectives and the need for continued interception. The reports may take the form of the copies of the logs maintained by the law enforcement officers conducting the eavesdropping and summaries of the investigation.

BY:

Paul P. Biebel Jr. 1688  
Judge Paul P. Biebel Jr.  
Presiding Judge of the Criminal Division  
Circuit Court of Cook County

DATE: 2-18-09

TIME: 5:00 pm

STATE OF ILLINOIS     )  
                                  )   SS  
COUNTY OF COOK     )

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION	)	
OF ORAL COMMUNICATIONS ON	)	IMPOUND ORDER FOR
CELLULAR TELEPHONE NUMBER	)	ELECTRONIC SURVEILLANCE
773-593-2998 & 773-899-2455	)	ORDER NO. 2009-ESO-003
LISTED IN THE NAME OF OR LEASED	)	
TO MARNI YANG,	)	
(TARGET PHONE 3 & 4)	)	

**IMPOUNDING ORDER**

THIS MATTER having come before the Court pursuant to an application for an  
Electronic Surveillance Order and the Court having issued said Order:

IT IS HEREBY FURTHER ORDERED that the original Application, Affidavit in  
Support of Application, Order for 2009-ESO-003 and Order of Cooperation be impounded and  
held in the custody of the Lake County State's Attorney's Office until further order of the Court.



Judge Paul P. Biebel, Jr.  
Presiding Judge of the Criminal Division  
Circuit Court of Cook County

Date: 2-18-09

006936

I have read and become familiar with the foregoing guidelines related to electronic eavesdropping:

PRINT NAME

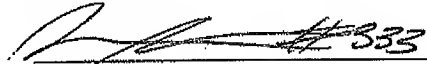
MACKLIN, Maurice

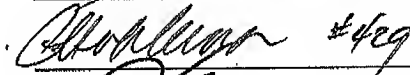
CANEA, Peter A

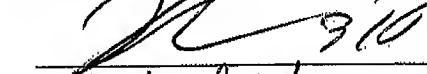
Kew Markke

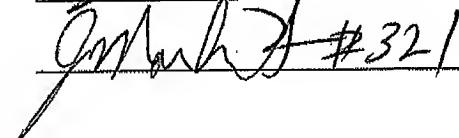
Jeff Markwart

SIGNATURE

 #333

 #429

 910

 #321

I have read and become familiar with the foregoing guidelines related to electronic eavesdropping:

PRINT NAME

SIGNATURE

WENDELL D RUSSELL

Wendell D. Russell

Rick L. Anderson

Rick L. Anderson

GIANNI GIAMBERDUCA

Gianni

Jesus Gonzalez

Jesus Gonzalez

DON SMITH

Don Smith

Jim Siefken

Jim Siefken

DAVID THOMAS

David Thomas

MIKE YOUNG

Mike Young

GIANNI GIAMBERDUCA

Gianni

Ken James

Ken James

Paul Dempsey

Paul Dempsey

George Filenko

George Filenko

Tom Nugent

Tom Nugent

Matt du Chemin

Matt du Chemin

SCOTT FROST

Scott Frost

KYLE HELGESEN

Kyle Helgesen

Ralph Goar

Ralph Goar #5

JAMES YANECK

James Yaneck

Marci Landey

Marci Landey

Adam Arnold

Adam Arnold

Rick Bernas

Rick Bernas

Wince Nichols

Wince Nichols

006938

### Call Detail

ESN: MDN:  
Start Date: 10/01/07 End Date:

(312) 608-5423 Dialled Number:  
 10505707 CDR Source

Daily Mortality All

Date & Time	MDN	Object Number	ESN	Call Direction	Origin SID	From City	Called City	To State	Local Minutes	LD Minutes	Roaming ID	SMSTP	SNMNO	Units
10/4/07 8:12	3128085423	6475868642	010980071914853	Outgoing		1 ARLINGTON HEIGHTS	CHICAGO	IL	5	0	0	0	0	1
10/4/07 8:57	3128085423	6475868642	010980071914853	Outgoing		1 ARLINGTON HEIGHTS	CHICAGO	IL	1	0	0	0	0	1
10/4/07 8:57	3128085423	7734031591	010980071914853	Outgoing		1 WHEELING	CHICAGO	IL	1	0	0	0	0	1
10/2/07 16:20	3128085423	31778	010980071914853	Outgoing		0			0	0	0	0	0	0.3
10/2/07 16:19	3128085423	31778	010980071914853	Outgoing		0			0	0	0	0	0	0.3
10/2/07 16:09	3128085423	7088280217	010980071914853	Outgoing		1 MCINT VERNON			0	0	0	0	0	0.3
10/2/07 16:09	3128085423	7088280217	010980071914853	Outgoing		1 MCINT VERNON			0	0	0	0	0	0.3
10/2/07 14:41	3128085423	6474398817	010980071914853	Outgoing		1 SCHALMURG	PALATINE	IL	1	0	0	0	0	1
10/2/07 14:35	3128085423	7088280217	010980071914853	Outgoing		1 ARLINGTON HEIGHTS			5	0	0	0	0	0
10/2/07 14:27	3128085423	6475868642	010980071914853	Outgoing		1 ARLINGTON HEIGHTS	CHICAGO	IL	2	0	0	0	0	0
10/1/07 12:45	3128085423	6475868642	010980071914853	Outgoing		1 BUFFALO GROVE	CHICAGO	IL	10	0	0	0	0	2
									23	0	0	0	0	2

DEFENDANT'S  
EXHIBIT

15

Blumberg No. 5114

Tammy,

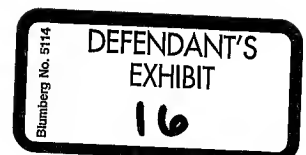
April 14, 2018

We spoke w/ Vivianna Parras w/ the subpoena and compliance department at TracFone, who stated that TracFone does not have their own cell towers, and that they use other carriers' towers, and through the information provided, was able to determine that the carrier cell tower at the time was AT&T.

We contacted the subpoena and compliance department at AT&T, and spoke with Amber, who stated that cell towers only reach out, at most, 10 miles. Amber further stated that it would be impossible for a cell tower signal to reach 300 miles, and that if AT&T were to have been subpoenaed at the time of the crime, that the records they produce do not show a city and state, that they would show longitude and latitude. Amber further advised that they would no longer have these records as it has been over 10 years.

Regards,

**Sherry Kneitz**  
**Manager of Special Investigations**  
MSI Detective Services - Myers Service, Inc





1007-15329

DEERFIELD HONOLULU



Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

17

LEXN# 20 000743

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 2007-15329	Reporting Date: 03/10/2009	Reporting Officer: Investigator S. Frost #2125	
Subject of Case: Homicide Investigation	Typed By: Scott Frost	Date: 03/10/09	Lead No. #111


On 03/01/2009 at approximately 1750 hours I, Investigator Scott Frost, was contacted by Evidence Technician Dave Thomas and learned that he had responded to the Meridian Banquets and Conference Center to search the area with the use of a metal detector. ET Thomas advised that he did not locate any gun parts buried in the soil. However uncovered a medical alert bracelet with the word "pregnant" engraved on a rectangular piece of metal which was attached to the bracelet. ET Thomas informed me that this bracelet was unique and most of the bracelet was made of white pearls. ET Thomas advised that they were enroute to the Deerfield Police Department with the bracelet and he would provide me with a photograph to assist me with future identification.

It was at that point I contacted Shaun Gayle (Lead #15), Craig White (Lead #25), Traci Nugent (Lead #27), Amy Stein (Lead #28), Jill Finch (Lead #33), Christine Murphy (Lead #39) and Wayde Reuter (Lead #81) over the two hours to determine if anyone recognized the bracelet or knew if the victim, Rhoni Reuter, owned a metal alert bracelet. All my contacts lead to negative results.

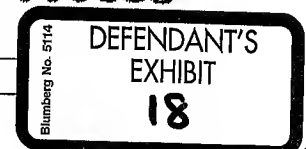
I have nothing further to report.

Copy #1

Page 1 of 1

Approved By: 

000335



**SUPPLEMENTAL TEST REPORT**

*For results of previous analysis, see laboratory case NL-29683 report issued 02/18/2016.  
For results of related casework, see case NL-35624 report issued 12/04/2018.*

Jed Stone  
Stone & Associates, Ltd.  
415 Washington St. Suite 107  
Waukegan, IL 60085

December 4, 2018

Re: People v. Marni Yang #09 CF 926  
Lake County Sheriff's Office Case # 07-15329  
IFI Lab Case # NL-29683

**Request:** Genetic Identification testing

**Received:** Via pers. delivery by John D. Rea;  
Arrived at Independent Forensics on 12/14/2016;  
One item as follows:

Exhibit # 10: LCSO Item CMF002; medical alert bracelet (29683-100518-Q3).

Client requested genetic identification testing on Exhibit # 10 to determine if a human DNA profile could be generated from the item, for comparison to reference profiles of Marni Yang (29683-93362-Ref\_1) and Rhoni Reuter (35624-102847-Q3).

**Procedure for Genetic Identification:**

Exhibit # 10 (29683-100518-Q3) was processed as per Touch DNA Procedure and analyzed for CSF1PO, D2S1338, D3S1358, D5S818, D7S820, D8S1179, D13S317, D16S539, D18S51, D19S433, D21S11, FGA, TH01, TPOX, vWA and Amelogenin using the Identifiler AmpFSTR kit as per LCN protocol.

**Results:**

A partial DNA profile was obtained from 29683-100518-Q3.

#### STR Summary Results

Locus	Q3 100518 consensus	Locus	Q3 100518 consensus
D8S1179	10, 13, 14	D2S1338	-
D21S11	-	D19S433	-
D7S820	-	vWA	-
CSF1PO	-	TPOX	-
D3S1358	15	D18S51	-
TH01	6, 7	AMEL	X
D13S317	11	D5S818	-
D16S539	-	FGA	-

#### Interpretation:

The DNA profile obtained from Exhibit # 10 (29683-100518-Q3) is indicative of a mixture of two contributors.

#### Conclusions:

There are insufficient data for source attribution of the partial DNA profile generated from the medical alert bracelet. Comparison of this profile with the DNA profile of Marni Yang is inconclusive.

Rhoni Reuter is excluded as a contributor to the partial DNA profile generated from the medical alert bracelet.

#### Disposition of Exhibits:

Exhibit # 10 was released to Steve LaPino of MSI Detective Services on November 12, 2018, for return to the Lake County Circuit Court Clerk.



Elizabeth A. Kopitke, M.S.  
Forensic Scientist

This test is accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation AT-1639.

**LAKE COUNTY  
MAJOR CRIME TASK FORCE  
INTELLIGENCE DATA SHEET**

Lead Number: 111  
Case Number: 07-15329  
Case Title: Death Investigation  
Investigator: Schletz  
Name: Christina P. Paschen  
Alias: Christi  
Address: 869 A Carriage Way #2  
Elgin, IL 60120  
Prior Address: 2125 Tonne  
Arlington Heights, IL  
Resides With: Donald Balthazore  
Relationship: room mate  
Telephone: (Home) 847-695-1006 (Work/Cell) 847-917-9933 Photo  
Date: 03-02-09  
Sex: F Race: W DOB: 03-05-59 POB: Chicago, IL  
Ht: 5'04 Wt: 308 Hair: Blonde Eyes: Green Facial Hair: \_\_\_\_\_  
Scars/Tattoos: Rose Location: left shoulder blade  
DLN: \_\_\_\_\_ State: \_\_\_\_\_ DL Address: \_\_\_\_\_  
SSN: \_\_\_\_\_ CIR#: \_\_\_\_\_ FBI#: \_\_\_\_\_ CQH# \_\_\_\_\_  
Parents - Name & Address: \_\_\_\_\_  
Subject's Employer: Colorado Technical University  
Hangouts: \_\_\_\_\_  
Vehicles Used:      Year      Make      Model      Color      License  
                         2003      Subaru      Impreza WRX      Blue      IL.6204906  
Associates: Marni Yang Sex: F Race: W DOB: \_\_\_\_\_  
                         Name: \_\_\_\_\_ Sex: \_\_\_\_\_ Race: \_\_\_\_\_ DOB: \_\_\_\_\_  
                         Name: \_\_\_\_\_ Sex: \_\_\_\_\_ Race: \_\_\_\_\_ DOB: \_\_\_\_\_  
Gang Affiliation: \_\_\_\_\_  
Criminal History: \_\_\_\_\_ Caution: \_\_\_\_\_  
Last Arrest: \_\_\_\_\_ Town: \_\_\_\_\_ Status: \_\_\_\_\_  
Miscellaneous: \_\_\_\_\_  
Date Completed: \_\_\_\_\_  
Date Revised: \_\_\_\_\_

Photo  
If  
Available

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

20

Age 1  
101

07-15329

## LAKE COUNTY MAJOR CRIME TASK FORCE VOLUNTARY STATEMENT

I, Christi Paschen, make the following statement to Investigators Chuck Schletz and Sean Curran of the Lake County Major Crime Task Force regarding the murder of Rhoni Reuter which occurred on October 4, 2007. This statement is a summary and not verbatim:

Today, February 27, 2009, I was stopped by Investigator Jesse Gonzalez and Investigator Scott Frost on my way to work this morning. Investigator Frost had spoken to me previously about this investigation and today he advised that investigators wish to speak with me further about this investigation.

I agreed to voluntarily come to the police department and speak with investigators and I have given them my permission to electronically be recorded. I also have given investigators of the Lake County Major Crime Task Force my permission to use my typed and recorded statements as a record of the interview.

I have known Marni Yang several years and she has confided in me her personal and family relationships. In approximately 2006 Marni Yang advised me of a sexual relationship she was having with Shaun Gayle of the Chicago Bears. During their relationship, Marni Yang learned and discovered through her own investigation that Shaun Gayle was having sexual relationships with other women.

In August of 2007, Marni told me that she had found out from Shaun Gayle that one of the women he had been dating had become pregnant with his child. I later learned that this woman was named Rhoni and she was the woman shot dead in this investigation.

On October 4, 2007, Marni called me in the morning at work and said she wanted to come over to the house. Later that evening, Marni came to my residence in Arlington Heights, Illinois. At my residence, Marni told me that the night before she had slept over at my residence while I stayed the night at my friend, Don's house. Marni said she put on a pair of sweat pants and sweat shirt, a black wig and disguised her face with make-up. She said she drove a car that she had rented and paid for with cash to the victim's apartment complex. Marni told me that she entered Rhoni's apartment building and waited in the hallway outside Rhoni's front door. Marni said she was about to leave the building when Rhoni opened the front door. She said Rhoni appeared surprised and

Dated at the City of Round Lake, Lake County, Illinois, this 27 day of February, 2009

WITNESSED:

[Signature]  
608 2111

SIGNED:

[Signature: Christi Paschen]

bge 2

07-15329

# LAKE COUNTY MAJOR CRIME TASK FORCE VOLUNTARY STATEMENT

CP

opened her mouth as if to scream as she looked directly at her. Without thinking, Marni began shooting at Rhoni as Rhoni attempted to close the front door. Marni said she entered the apartment by pushing open the front door and continued to shoot at Rhoni. She said Rhoni fell backwards to the ground as she continued to shoot. Marni said that the apartment was dark and she couldn't see what part of Rhoni's body she had struck. Marni told me as she left, she attempted to close the front door, but Rhoni's leg or foot was in the way. Marni said she had to push or kick the foot or leg of Rhoni out of the way so she could close the door.

Marni told me that she ran out of the apartment building through the parking lot to her car. Marni said as she ran to her car, she saw a man in the distance from her car. Marni said that she couldn't see the man that well so she didn't believe that he got a good look at her. Marni said that she drove back to my house and changed out of her disguise and threw the clothes and wig in a metal bin ~~outside my apartment~~. Marni said that she returned the rental car and went home. Marni has talked to me about these details several times since October 4<sup>th</sup>, 2007. Marni later told me that she disposed of the gun by putting it in a bucket of concrete and buried the bucket ~~in a bucket of concrete~~ and said that it would never be found.

The statement that I have given the investigators is truthful and voluntary.

Dated at the City of Round Lake Park, Lake County, Illinois, this 27 day of February 2009

WITNESSED:

[Signature]  
6-20-2011

SIGNED:

[Signature]

Page 2 of 2

003094

## LAKE COUNTY MAJOR CRIME TASK FORCE

### VOLUNTARY STATEMENT

I, Christi Paschen made the following statement to Detectives Chuck Schletz and Sean Curran about the murder of Rhoni Reuter and her unborn child. This morning I told the detectives of further details that I left out of my initial statement. The following is a summary of what I told the detectives I also agreed to have this interview electronically recorded.

Marni informed me at first that she was thinking of killing Shaun Gayle during the summer of 2007, but later changed her mind and decided to kill Shaun's girl friend Rhoni who she knew was pregnant. About four weeks before Rhoni was killed, Marni began telling me she was planning how to kill Rhoni. I told Marni that she would most likely be caught if she followed through with the murder. I told her that was because crime shows like CSI point out how people always get caught. I also told Marni that there are many ways for the police to gather evidence relating to the crime.

About three weeks prior to the murder, Marni told me that she went to Rhoni's apartment complex with a gun with the intention of killing her. Marni said that she went inside Rhoni's apartment building and waited outside her apartment door. Marni said that she got a bad feeling and decided to leave. Marni continued to talk with me about different methods of committing the murder. I told her that I did not want to be involved. On the Monday before the murder, Marni told me that she had decided that she was going to kill Rhoni.

On Wednesday, October 3<sup>rd</sup> 2007, Marni came over to my apartment in Arlington Heights. That night, Marni told me that she was going to kill Rhoni. Before arriving at my house that night Marni spent some time with Shaun Gayle at his residence, and Marni told me that he was affectionate toward her which was a rare occurrence. Marni and I spoke about two hours before I went to bed. I told Marni I wanted her to think about what I had told her about possibly being caught and to let the universe take care of Shaun before she decided to go through with what she had planned. Marni said she would and told me that if she carried out the murder, she would contact me in the morning and ask me if I wanted to have dinner as a code that meant that she had killed Rhoni.

On October 4<sup>th</sup> 2007, I woke up at approximately 8:15 am, and Marni had already left my apartment prior to me waking up. I observed a black cloth gym bag which belonged to Marni on the floor in my apartment. I left for work that day at approximately 8:30 am. Shortly after I arrived at work, I received a call from Marni who asked me to have dinner with her that night, shortly after that, Marni asked if I was okay and I knew she meant about what she had done.

Marni came over to my apartment and told me what she had done, and the details of what happened as I have already told the detectives in my previous statement.

C. Schletz 2111  
102

C. Paschen  
2/28/08

gp  
003095



9 The additional details that I remembered about what Marni told me were that Marni told me that she wore a hooded sweatshirt with a pocket in the front where she hid the gun and held it when she went to and away from Rhoni's apartment. Marni told me that she used darker colored foundation make-up on her face to conceal her identity. Marni said that she made sure she drove under the speed limit on her way back to my apartment to avoid being stopped by the police. After Marni related the story to me she looked at me and said, "Well"? I was in shock and needed to get away. I said that I had to go outside and get some air.

While I was outside Marni came out and asked me to take a ride with her. We got into her Infinity SUV. As we were leaving my apartment complex I told Marni to get rid of some of the trash in her car and Marni stopped at a dumpster. As I was throwing out some garbage bags, Marni reached into the black gym bag that I previously observed in my residence on the morning of the murder and took out a clear plastic package containing three items. The package had the word Berretta affixed to the top in red lettering. I asked Marni what the package contained and Marni said gun grips. Marni handed me the package and a ratty black wig and I threw them into the dumpster. Marni then drove to the Jewel in Arlington Heights at Golf and Arlington Heights Rd. and observed a red clothing drop off container similar to the containers used by the Salvation Army. The clothing Marni told me she was wearing when she killed Rhoni was placed into this container by Marni. Marni then drove to a shopping area at Golf and Algonquin and pulled into the parking lot next to the Steak and Shake Restaurant. Marni went to the dumpster by the Steak and Shake which was surrounded by some type of fence and Marni threw a pair of license plates in the dumpster. Marni told me that she stole the plates from a car in a parking lot and had put them on the car she drove to the murder. Marni then drove me back to my apartment and asked if I would be alright. I went inside and went to sleep. Marni also told me that she placed the gun she used in cement inside of a bucket on Friday and disposed of the bucket on Saturday after the cement dried. Marni said she buried the bucket in the ground of a forest preserve near water.

9  
Marni  
threw  
the  
wig  
out

This statement was given freely and voluntarily and no threats or coercion was used against me.

9

LT Poscher  
2/28/09

C. J. [Signature] 2/28/09

## Lake County Major Crime Task Force

VOLUNTARY STATEMENTDATE : 3/2/2009

9 I, voluntarily state as follows: I have been voluntarily talking with Detectives Curran, Frost, and Schletz of the Lake County Major Crime Task Force since Friday February 27<sup>th</sup> 2009. While I have been with them they have treated me well and provided me with food and drink and have allowed me to sleep. The Task Force has also let me stay at a local motel for my convenience and well being. I have been talking to the detectives about the murder of Rhoni Reuter and my knowledge and involvement of the murder. The events of the murder took place over a year ago and as I have been thinking of these events, I have remembered more details. The details are accurate.

On Sunday morning, March 1<sup>st</sup>, 2009, I was supposed to go to work but I had remembered details that I knew were important so I called detective Schletz from the motel and asked him to pick me up. Detective Schletz and Frost picked me up and the following is a summary of the additional details I told them about the murder.

On October 4<sup>th</sup> 2007 Marni came over to my apartment and told me the details of the murder. Marni told me that after she shot Rhoni, she took time to look around her apartment. Marni told me that Rhoni had items for the baby out and she said she saw an ultrasound of the baby. I think she said the ultrasound was on the refrigerator. Marni also told me that she saw some papers relating to either hospital or doctors visit on the counter. Marni said that she grabbed a couple of things that may have been lying on the papers or the counter and placed them into her sweatshirt pocket. Marni described the items as a medical alert type bracelet and a hospital band. Marni never showed me the items she took and said that she didn't walk all through Rhoni's apartment because she was wearing her Addidas running shoes that had a distinctive type of tread. Marni told me that she threw the shoes out because she was worried about footprints from the shoes. Marni

wanted to tell me more details and particularly about what she did with the gun, but I told her I really didn't want to know.

C. hlf #214

C. T. Paser 3/2/09

CP  
003097

Marni said she put the gun in a bucket of concrete. Marni said that she had driven through and walked through some forest preserves near Irving Park and River Road looking for a place to dump the bucket with the gun, but she never told me exactly where she dumped the gun.

On October 4<sup>th</sup>, 2007, the night when Marni told me the details of the murder and when she drove us around and Marni got rid of the clothes, wig, and gun grips, I forgot to say that I was the one who threw out the license plates into the dumpster by Steak and Shake. After we did that, Marni said that she had a few things she wanted to bury and said she might as well bury them then. She drove through the parking lot of the Steak and Shake that was connected to more stores and ended up in a dark area of a parking lot near a banquet hall.

Marni stopped and she got out of her SUV and opened up the back. Marni took out a small blue spade or shovel type tool and had some stuff in her hand. Marni walked a few feet from the SUV and began digging in the dirt between some light brushes. She was only in there for a few minutes and when she was done she put the shovel in the back.

I told Detective Schletz and Frost that I wanted to show them the path we drove the night of the murder when Marni got rid of the evidence. I directed them to Arlington Heights and showed them the places we dumped everything and exactly where Marni buried something.

I have read the above statement and it is true and accurate.

Date :

3/2/09

Chris Porech

SIGNED

Witness

C. Schletz 2111

Witness

## LAKE COUNTY MAJOR CRIME TASK FORCE

I, Christi Paschen, met with investigators of the Lake County Major Crime Task Force on February, 27, 2008 regarding the murder investigation of Rhoni Reuter which occurred on October 4, 2007 in Deerfield, Illinois. My meeting was voluntary and the information I provided the investigators regarding Marni Yang's involvement was truthful and correct.

Investigators provided me with food, water and time to rest. During my time with investigators, they have treated me good and assisted me by providing me things that I have requested.

In a furtherance to assist the Lake County Major Crime Task, I have agreed to continue to assist them in their investigation today, February 28, 2009.

I, Christi Paschen, am signing this document of my own free will and no coercion or threats were made against me.

Signature

Christi Paschen

Date

2/28/09 1635 hrs.

Witness

S. Jit #2125

Witness

R. Jit 0150



**CONSENT FOR ELECTRONIC RECORDING**

Report # 07-15329

Date: 2/27/09

I, Christi Paschen, having been informed of my right to refuse to consent to having my statement electronically recorded, hereby ☒ DO / DO NOT authorize

Curran & Frost

Officer(s) Name(s)

Of the Lake County Major Crime Task Force, to record my statement.

This written PERMISSION / REFUSAL is being given by me to the above voluntarily and without threats or promises of any kind.

Signed: Christi Paschen

Witnesses:

[Signature] <sup>102</sup>  
[Signature] #2125

Location: Rand Lake Park

Time: 8:59am

Date: 2-27-09

003100



## CONSENT FOR ELECTRONIC RECORDING

Report # 2007-15329

Date: 02/28/2009

I, CHRISTI PASCHEN, having been informed of my right to refuse to consent to having my statement electronically recorded, hereby DO / DO NOT authorize INVESTIGATOR CHAD SCHLETZ AND INVESTIGATOR SEAN CURRAN  
Officer(s) Name(s)

Of the Lake County Major Crime Task Force, to record my statement.

This written PERMISSION / REFUSAL is being given by me to the above voluntarily and without threats or promises of any kind.

Signed: [Signature]

Witnesses: [Signature] #157  
[Signature] #2111

Location: LAKE ZURICH P.D.

200 MONROE TR., LAKE ZURICH, IL 60047

Time: 1:15 PM

Date: 02/28/2009

003101



## CONSENT FOR ELECTRONIC RECORDING

Report # 07-15329

Date: 3/2/09

I, Christi Paschen, having been informed of my right to refuse to consent to having my statement electronically recorded, hereby DO / DO NOT authorize Det. Chuck Schletz

Officer(s) Name(s)

Of the Lake County Major Crime Task Force, to record my statement.

This written PERMISSION / REFUSAL is being given by me to the above voluntarily and without threats or promises of any kind.

Signed: [Signature] 3/2/09  
Witnesses: Chuck Schletz 211

Location: Deerfield P.D.

Time: 1215 HRS.

Date: 3/2/09

003102



## PRIMEAU FORENSICS

IDENTIFY - CLARIFY - TESTIFY

1703 Star Batt Drive

Rochester Hills MI, 48309

[www.primeauforensics.com](http://www.primeauforensics.com)

(800)-647-4281

Prepared For: Jed Stone  
Stone & Associates, Ltd.  
415 Washington St #107  
Waukegan, IL 60085

Prepared By: Michael Primeau  
Primeau Forensics, LTD.  
Mike@primeaucompanies.com

Date: July 3, 2019



## **CONTENTS**

<b>INTRODUCTION</b>	<b>3</b>
<b>QUALIFICATIONS</b>	<b>3</b>
<b>OBJECTIVE</b>	<b>4</b>
<b>MATERIALS EXAMINED</b>	<b>5</b>
<b>SOFTWARE/EQUIPMENT</b>	<b>12</b>
<b>FORENSIC AUDIO AUTHENTICATION</b>	<b>12</b>
Methodology	12
Wire Tap Room Recordings	13
Chain of Custody	13
Denny's Recordings	39
Chain of Custody	41
Digital Information Analysis	46
Time/Frequency Domain Analysis	54
Critical Listening	56
<b>OPINIONS</b>	<b>57</b>
<b>CONCLUSION</b>	<b>58</b>

## INTRODUCTION

RE: Wire Tap Room & Denny's Site Inspection and Authentication Investigation

I am an audio and video forensic expert and have been practicing for over 7 years. I have expert witness testimony experience in courts at state level. I have also performed several successful investigations on various International cases. My forensic practices for audio investigation include digital and analogue audio authentication and clarification. As a video forensic expert, my practices include video authentication, clarification and analysis. As an image forensic expert, my practices include image clarification, image authentication and image comparison.

Our forensic lab rate for attorney's at Primeau Forensics, LTD. is \$375 per hour. Our lab has been provided \$7,786.73 to complete the on-site inspection, forensic audio authentication investigation and generate a formalized report.

## QUALIFICATIONS

- 2013: I received forensic training in Forensic Video Analysis through the LEVA (Law Enforcement and Emergency Services Video Association) Level 2 training course.
- 2014: I received forensic training in Forensic Image Authentication from the University of Colorado Denver Center for Media Forensics.
- 2015: I received forensic training in Forensic Audio Authentication & Audio Enhancement from the University of Colorado Denver Center for Media Forensics.
- 2016: I received forensic training in Photographic Video Comparison through the LEVA (Law Enforcement and Emergency Services Video Association) Level 3 training course.
- 2018: I obtained an Undergraduate degree of Bachelor of Science in Audio Engineering Technology from Lawrence Technological University in Southfield, Michigan.
- 2018: I received forensic training in Forensic Video Analysis through the LEVA (Law Enforcement and Emergency Services Video Association) Level 1 training course.
- 2018: I received the Forensic Video Technician certification status through LEVA (Law Enforcement and Emergency Services Video Association).

## OBJECTIVE

On or about 15 November 2018, you asked that I perform an audio investigation of recordings that were preserved in evidence lockup at the Cook County State's attorney's office located at County building 18 N. County St. Waukegan IL, 60085. You asked that I coordinate efforts with Tony Theis, an investigator at this office that works with State Attorney Ken LaRue. Through several attempts, we were unsuccessful at coordinating efforts due to scheduling conflict, until June 3<sup>rd</sup> and 4<sup>th</sup> of 2019. You asked that I inspect and authenticate two groups, which were alleged to have been created using two different devices.

The first, a series of recordings that were created using a handheld audio recorder at a Denny's restaurant. The second, a series of recordings that were created using a wire tap room located at the Cook County police department which were overhearing conversations made from Marnie Yang's cell phone. I was also asked to investigate the handheld audio recorder that was used to create the Denny's recordings to determine if it was possible to create a recording, manipulate it and have it pass forensic audio authentication testing.

You asked that I document the procedure, investigate all original copies of the evidence per the request from the State's Attorney's office, and report my findings. In addition, you asked that I focus authentication testing of digital audio recordings captured on February 28<sup>th</sup> for the wiretap recordings and March 2<sup>nd</sup> and 3<sup>rd</sup> for the Denny's recordings.

## MATERIALS EXAMINED

The materials examined throughout the course of my site inspection and audio authentication investigation are as follows:

Figure 1: 09 – ESO – 003 – A 773-539-2998 ORIGINAL C/D's & MONITOR LOGS 24 FEB 09 1400 HRS to 03 MAR 09 1400 HRS CALLS 001 to 261  
21 SEALED EVIDENCE ENVELOPES AND 01 MAGNETO – OPTICAL DISK

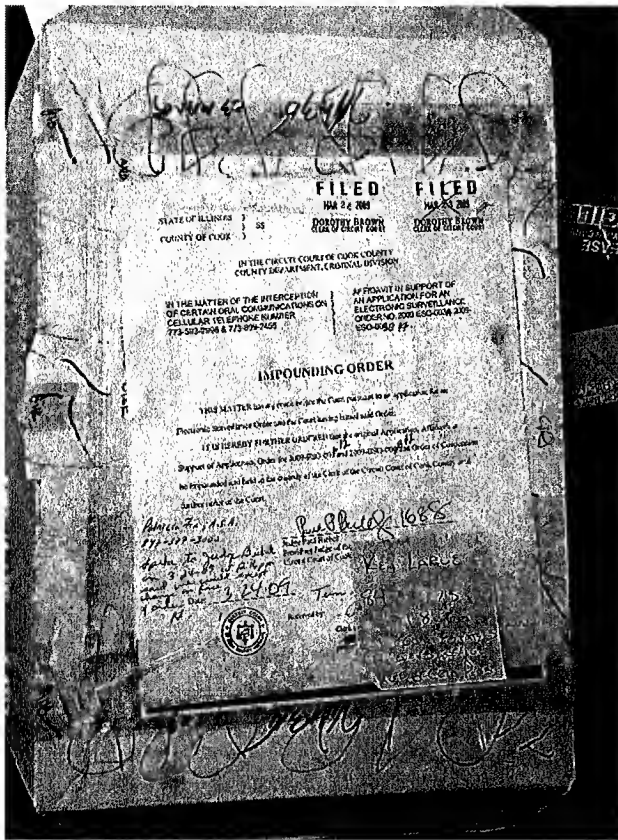


Figure 2: IMG\_1040.JPG

299

COOK COUNTY STATE'S ATTORNEY'S OFFICE  
LAKE COUNTY MAJOR CRIMES

CUSTODY OF INTERCEPTED RECORDINGS CASE # 2009-ESD-001A

DATE	TAPE NO.	INVESTIGATOR'S SIGNATURE	CALL NUMBERS	TAPE	SEALED	DATE & TIME RELEASED	RECEIVER'S SIGNATURE	FINAL CUSTODY AUTHORITY
2/10/09	2	1	CONA 429	FROM 164	X1			
2/10/09	3	2	GAMK321	FROM 31/33	X1			
2/10/09	1	3	PA 315	FROM 74	X1			
2/10/09	2	4	GAMK321	FROM 67	X1			
2/10/09	3	5	GAMK321	FROM 88	X1			
2/10/09	6	6	PA 315	FROM 87	X1			
2/10/09	7	7	GAMK321	FROM 181	X1			
2/10/09	8	8	GAMK321	FROM 117	X1			
2/10/09	9	9	PA 315	FROM 126	X1			
2/10/09	2	10	PA 429	FROM 143	X1			
2/10/09	3	11	GAMK321	FROM 174	X1			
2/10/09	1	12	PA 429	FROM 179	X1			
2/10/09	2	13	PA 429	FROM 185/211	X1			
2/10/09	3	14	GAMK321	FROM 212/213	X1			
2/10/09	1	15	PA 429	FROM 214/215	X1			
2/10/09	2	16	PA 429	FROM 216/217	X1			
2/10/09	3	17	GAMK321	FROM 218/219	X1			
2/10/09	1	18	PA 429	FROM 220	X1			
2/10/09	2	19	GAMK321	FROM 221/222	X1			
2/10/09	3	20	GAMK321	FROM 223	X1			
2/10/09	1	21	PA 429	FROM 224	X1			

Figure 3: IMG\_1039.JPG

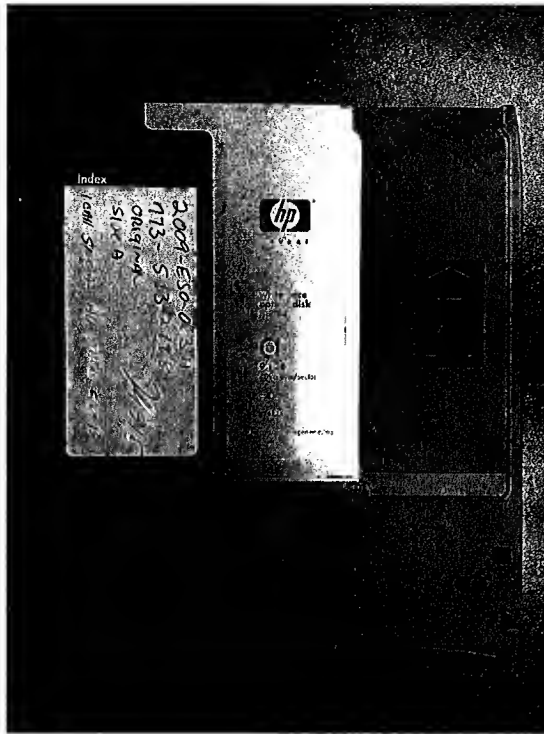


Figure 4: IMG\_1038.JPG



**FILED**  
MAR 24 1980  
**DOROTHY BLOOM**  
CLERK OF COURT COUNTY

**FILED**  
MAR 23 1981  
**DOROTHY BLOOM**  
CLERK OF COURT COUNTY

STATE OF ILLINOIS }  
COUNTY OF COOK } SS

IN THE CIRCUIT COURT OF COOK COUNTY  
COUNTY DEPARTMENT, CRIMINAL DIVISION

IN THE MATTER OF THE INTERCEPTION  
OF CERTAIN ORAL COMMUNICATIONS ON  
CELLULAR TELEPHONE NUMBER  
773-293-2906 & 773-269-2459 }

AFFIDAVIT IN SUPPORT OF  
AN APPLICATION FOR AN  
ELECTRONIC SURVEILLANCE  
ORDER NO. 2000-EEO-0004-RHS  
EEO-HS/7 PF.

**IMPOUNDING ORDER**

THIS MATTER having come before the Court pursuant to a petition for an  
Electronic Surveillance Order and the Court being thereof duly advised,  
It is HEREBY FURTHER ORDERED that the original Application, Affidavit to  
Support of Application, Order for \$275 Fee and \$200-\$250 Criminal Order of Contemnt  
be impounded and held in said custody office of Clerk of the Circuit Court until such time as the  
Court orders it to be released.

*Approved by:*  
*Deputy Clerk*  
*Sarah J. Kelly, Clerk*  
*and J. A. P. [unclear]*  
*March 23, 1981*  
*1st floor*

*Paid \$168.85*  
*Linda Paul Gable*  
*Presiding Judge of the Criminal Division*  
*Clerk of Cook County*

*Time received 12:15 pm*  
*Beggy Anderson*  
*Clerk of the Court*  
*[Signature]*




Figure 6: IMG\_1119.JPG

COOK COUNTY STATE'S ATTORNEY'S OFFICE  
LAKE COUNTY MAJOR CRIMES

CASE # 2007-ESD-1003 B /

CUSTODY OF INTERCEPTED RECORDINGS

DATE	SHIFT	TAPE NO.	INVENTORYING INVESTIGATOR'S SIGNATURE	CALL NUMBERS	TAPE SCALED	DATE & TIME RELEASED	RECEIVER'S SIGNATURE	FINAL CUSTODY AUTHORITY
8/15/07	2	1	Can 1-9	FROM 1/46	X			
8/15/07	3	2	QMM 321	FROM 0	X			
8/15/07	1	3	PA 30	FROM 47/58	X			
8/15/07	4	4	Can 1-9	FROM 59/74	X			
8/15/07	5	5	QMM 321	FROM 75/76	X			
8/15/07	6	6	PA 30	FROM 77/84	X			
8/15/07	7	7	Can 1-9	FROM 85/104	X			
8/15/07	8	8	QMM 321	FROM 105/107	X			
8/15/07	9	9	PA 30	FROM 109/119	X			
8/15/07	10	10	Can 1-9	FROM 120/156	X			
8/15/07	11	11	QMM 321	FROM 157/159	X			
8/15/07	12	12	Can 1-9	FROM 160/212	X			
8/15/07	13	13	QMM 321	FROM 213/218	X			
8/15/07	14	14	Can 1-9	FROM 219/251	X			
8/15/07	15	15	QMM 321	FROM 252/271	X			
8/15/07	16	16	Can 1-9	FROM 272/276	X			
8/15/07	17	17	QMM 321	FROM 277/288	X			
8/15/07	18	18	Can 1-9	FROM 289/308	X			
8/15/07	19	19	QMM 321	FROM 309/311	X			
8/15/07	20	20	Can 1-9	FROM 312/313	X			
8/15/07	21	21	QMM 321	FROM 314/315	X			



Figure 7: IMG\_1135.JPG



Figure 8: IMG\_1136.JPG

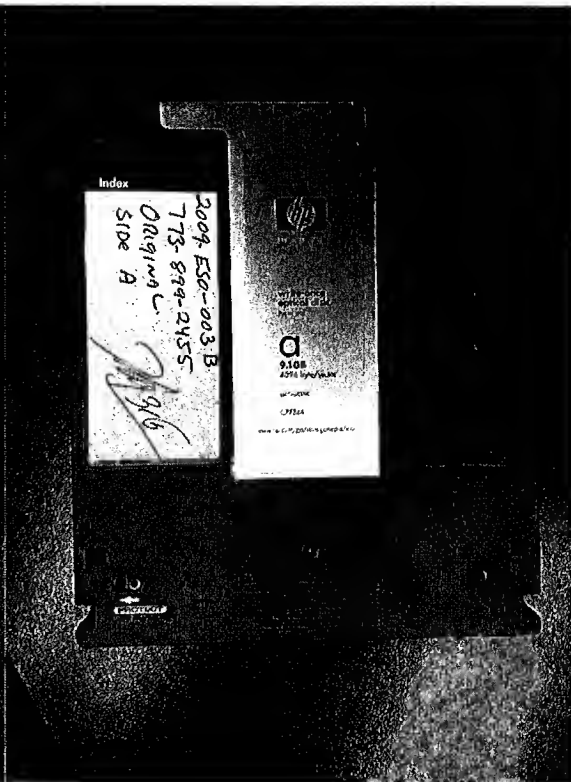


Figure 9: YANG, MARNI 090F926 LEADS BOX 1 OF 9 (9 boxes total)



## SOFTWARE/EQUIPMENT

The following software applications were used during my examination and preparation of this report and were duly licensed to the undersigned at all times:

- AccessData® FTK® Imager Ver. 4.2.0.13
- Adobe® Audition CC 2019 Ver. 12.0.0.241
- Apple® iPhone 6s
- Boxoft free WMA to WAV converter
- Custom built video editing computer from the early 2000's
- DiskGenius V5.1.1.696
- ExifTool 10.0.3.0
- Hp StorageWorks optical 9100mx
- HXD Ver 2.2.1.0
- iZotope® RX 6 Ultimate Ver. 6.10.2340
- Microsoft® Office 365
- Microsoft® Windows 10 Home
- Microsoft® Windows Surface Pro 6
- Microsoft® Windows XP Professional
- pyExifToolGUI 0.5
- WaveSurfer Ver. 1.8.8.8p5

## FORENSIC AUDIO AUTHENTICATION

### METHODOLOGY

The objective of forensic audio authentication is to determine the authenticity of the events that transpired as they were originally recorded. The investigation focuses on digital integrity verification of the file itself, as well as authentication of the recorded audio signal contained within the digital file. Below I have identified the objective of digital audio authentication from the best practices accepted in the scientific community through SWGDE (scientific working group on digital evidence).

#### **SWGDE Best Practices for Digital Audio Authentication (2018)**

##### **1.1 Introduction**

"As defined in *SWGDE/SWGIT Digital & Multimedia Evidence Glossary* [1], authentication is the process of substantiating that the asserted provenance of data is true. As defined in *SWGDE Best Practices for Forensic Audio* [2], an audio authentication examination seeks to determine if a recording is consistent with the manner in which it is alleged to have been produced."

The areas in which I analyze and authenticate digital audio recordings are digital integrity verification, as well as time/frequency domain analysis. This is based on the training that I have received from the University of Colorado Center for Media Forensics.

## WIRE TAP ROOM RECORDINGS

---

### CHAIN OF CUSTODY

---

### METHODOLOGY

Digital media evidence submitted to the courts must be accompanied by a chain of custody. This chain of custody is most always in written form. It exhibits who was responsible for acquisition of the original recorded evidence, who was responsible for keeping that evidence safe and who was responsible for presenting that original evidence to the Trier of Fact. This chain of custody includes, but is not limited to:

1. Information on the original recording device including make and model.
2. Information on how the evidence was extracted from the recorder that created it.
3. Digital handling information from all parties that had access to the evidence between the time of its extraction and my investigation.

#### *Preservation of Recordings:*

The National Institute of Standards and Technology (NIST), Scientific Working Group on Digital Evidence (SWGDE) and Technical Working Group for the Examination of Digital Evidence (TWGEDE) guidelines describe:

- "Actions taken to secure and collect digital evidence should not affect the integrity of that evidence".
- "Persons conducting an examination of digital evidence should be trained for that Purpose".
- "Activity relating to the seizure, examination, storage, or transfer of digital evidence should be documented, preserved, and available for review"

## SUMMARY

Based on the information I was provided by your office as well as the State's Attorneys office, it is my understanding that the wire tap recordings were created using a sophisticated room that was in one point in time used to tap and record conversations by law enforcement. These rooms used sophisticated equipment to record original recordings to larger storage volumes. This wire tap room in Chicago used Magnetic Optical Disks to preserve the original recordings from the encoder as generation 1 copies in the chain of custody.

In preparation for the on-site inspection of the evidence materials in relation to the wire tap room recordings, I was provided images of the format of the evidence by Mr. Theis, the investigator for the Lake County State Attorney's office. The images of the evidence materials are displayed in Figures 10-12 below:

Figure 10: 20190211\_1631071.jpg

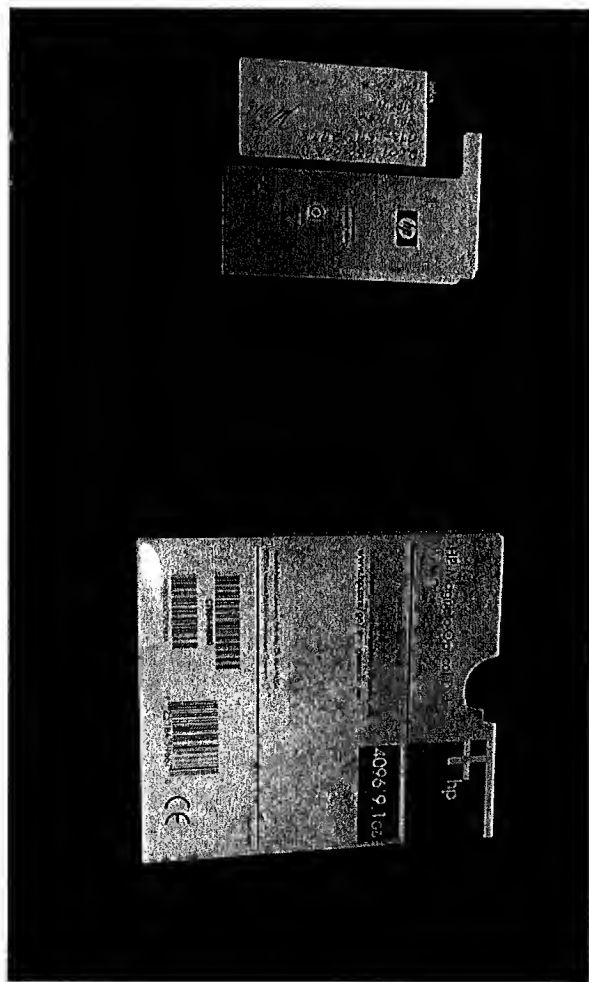


Figure 11: 20190211\_1636221.jpg

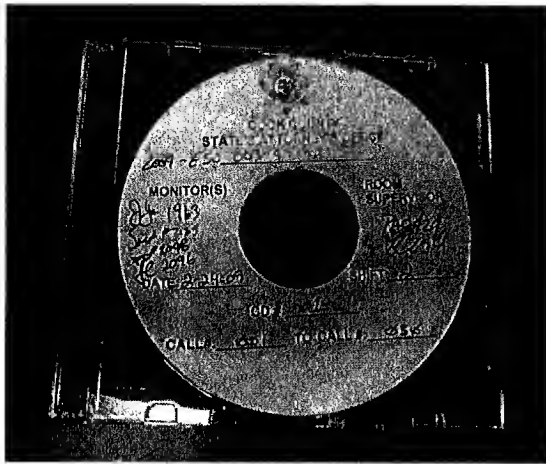


Figure 12: 20190211\_163052\_HDR1.jpg



From figures 11 & 12 I determined that the evidence recordings were stored on Magnetic Optical Disk as well as Compact Disk. In order to investigate the Magnetic Optical Disk, I needed to obtain equipment that would be compatible to analyze the disk. From Figure 12, I determined that the model of the disk was a C7984A. I began researching this model of disk and discovered a compatibility chart from the manufacturer of the disk, HP (Hewlett Packard). Based on this compatibility chart I was able to determine a compatible deck to play the magnetic disk as a "HP Surestore Optical 9100mx drive, model C1114M". The models of Magneto-Optical Storage Media created by HP as well as compatible hardware to play the disks are displayed in figures 13 and 14 below:

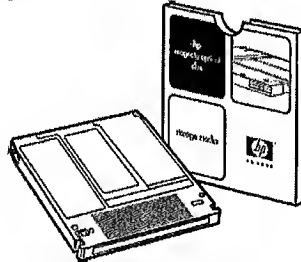
Figure 13: c04123431.pdf PG 1

## QuickSpecs

HP Magneto-Optical Storage Media

### Overview

#### HP Magneto-Optical Storage Media



#### Introduction

Magneto Optical (MO) is a highly niche market that is ideal for companies or industries who must meet federal archival regulations, who process large volumes of document management, who must access stored/archived files quickly. Markets likely to utilize MO are: medical, legal, imaging, printing, document management, government and education. HP Write-once and rewritable disks surpass ISO, IEC and ANSI standards. HP quality control tests include 40,000 load/unload cycles per disk, which minimize the risk of broken shutter and unrecoverable read problems, thus ensuring total file access.

Models	HP 1.3GB rewritable optical disk-1024 bytes/sector (2X)	92280T
	HP 1.3GB write-once optical disk-1024 bytes/sector (2X)	92290T
	HP 2.3GB rewritable optical disk-512 bytes/sector (4X)	92279F
	HP 2.3GB write-once optical disk-512 bytes/sector (4X)	92289F
	HP 2.6GB write-once optical disk-1024 bytes/sector (4X)	92290F
	HP 6.2GB rewritable optical disk-2048 bytes/sector (8X)	88147J
	HP 6.2GB write-once optical disk-2048 bytes/sector (8X)	88146J
	HP 8.6GB write-once optical disk-2048 bytes/sector (1.4X)	C7986A
	HP 9.1GB rewritable optical disk-4096 bytes/sector (1.4X)	C7983A
	HP 9.1GB write-once optical disk-4096 bytes/sector (1.4X)	C7984A

#### Key Features & Benefits

- Performance: Write Once technologies prevent tampering and interference
- Innovative: Unique shutter designs prevents costly hardware errors
- Safe: Antistatic shell prevents static build and potential hazards to data
- Durable: Up to 100 years archival

Figure 14: c04123431.pdf PG 3

NOT: Before ordering products, please refer to the November 1, 2015 separation of Hewlett-Packard Company into Hewlett-Packard Enterprise Company and HP Inc. may have older product names and model numbers that reflect their current models.

## QuickSpecs

HP Magneto-Optical Storage Media

### Options

#### Related Hardware Options

NOTE: This is a list of related options. Some may be discontinued.

HP SureStore Magneto-Optical Jukeboxes	HP SureStore Optical 9100mx drive (9.1GB stand-alone optical)	C1114M
	HP SureStore Optical 220mx Jukebox, 1 Drive (218GB jukebox, 1VD5/SE)	C1118M
	HP SureStore Optical 220mx Jukebox, 2 Drive (218GB jukebox, 1VD5/SE)	C1119M
	HP SureStore Optical 300mx jukebox (291GB jukebox, 32 slots)	C1150M
	HP SureStore Optical 600mx jukebox (582GB jukebox, 64 slots)	C1160M
	HP SureStore Optical 700mx jukebox (692GB jukebox, 72 slots)	C1170M
	HP SureStore Optical 1200mx Jukebox, 4 Dr (1165GB jukebox, 128 slots)	C1104M
	HP SureStore Optical 1200mx Jukebox, 6 Dr (1165GB jukebox, 128 slots)	C1105M
	HP SureStore Optical 2200mx Jukebox, 4 Dr (2166GB jukebox, 238 slots)	C1111M
	HP SureStore Optical 2200mx Jukebox, 10 Dr (2166GB jukebox, 238 slots)	C1110M

NOTE: HP SureStore Optical Jukeboxes will be rebranding to: HP Storage Optical.

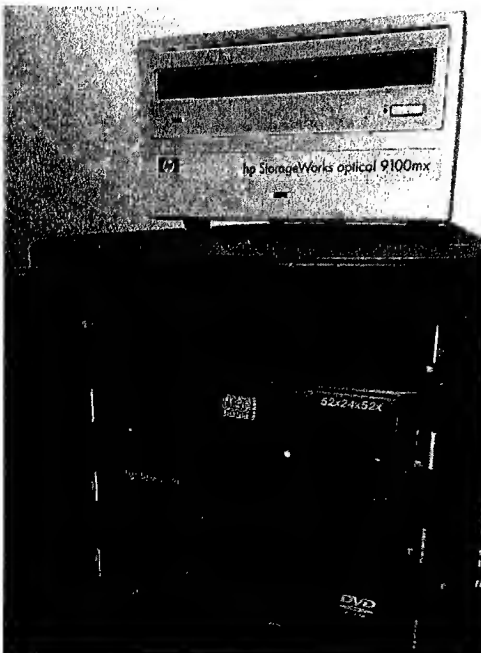
## INVESTIGATION

From the information in figures 13 and 14, I obtained a HP Surestore Optical 9100mx drive, model C1114M from a third-party source used, but in functional condition. I also set up an older workstation that was previously used for forensic analysis at Primeau Forensics, LTD to connect this drive to via SCSI (small computer system interface). I then tested and transported all equipment necessary to the Lake County State's Attorneys office on 2 June 2019. I arrived at County building 18 N. County St. Waukegan IL, 60085 around 10:30 am on 3 June 2019 and set up the workstation to conduct the audio site inspection investigation. The workstation is displayed in Figures 15 & 16 below:

Figure 15: IMG\_1035.JPG



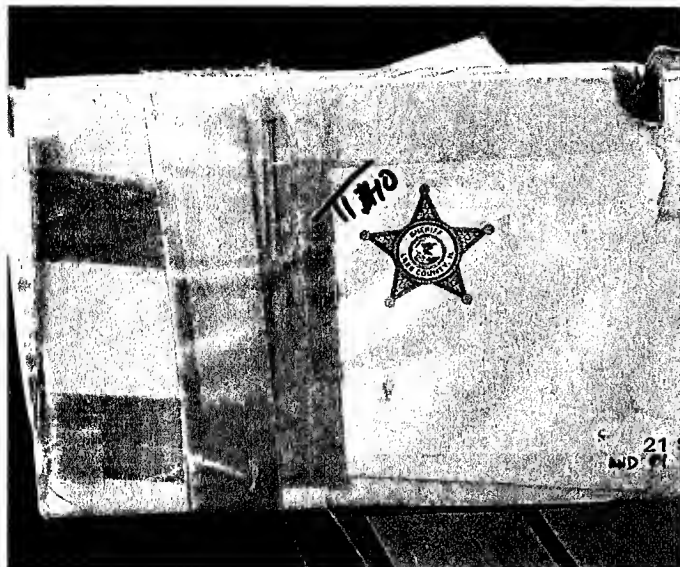
Figure 16: IMG\_1204.JPG





I began the chain of custody analysis of the wire tap room tapes by examining the boxes they were stored in. I noted markings on the site of one of the boxes. I asked Mr. Theis what these markings indicated, and he mentioned that he interrupted the chain of custody to photograph the formats of the evidence, which he sent images titled "20190211\_163052\_HDR1.jpg", "20190211\_1631071.jpg" and "20190211\_1636221.jpg" to me before we began the inspection. I detected no other evidence of any break in the chain of custody of the wire tap room tapes, or the boxes they were stored in. The markings from Mr. Theis are displayed in Figure 17 below:

Figure 17: IMG\_1031.JPG



I examined the box titled "09 – ESO – 003 – A 773-539-2998" first. Within the box was 21 manila envelopes as well as 1 Magnetic Optical Disk. The custody of intercepted recordings is featured in Figure 18 below:

2998

COOK COUNTY STATE'S ATTORNEY'S OFFICE  
LAKE COUNTY MAJOR CRIMES

CUSTODY OF INTERCEPTED RECORDINGS CASE # 2009-ESO-003-A

DATE	TAPE NO.	INVESTIGATOR'S SIGNATURE	CALL NUMBER	TAPE SEALS	DATE & TIME RELEASED	RECEIVER'S SIGNATURE	FINAL CUSTODY AUTHORITY
2/1/09	2	1	CHC-429	FROM 1/5/09	(X)		
2/1/09	3	2	CHM-1321	FROM 3/1/33	(X)		
2/1/09	1	3	CH-30	FROM 8-4	(X)		
2/1/09	2	4	CHM-1321	FROM 67	(X)		
2/1/09	3	5	CHM-1321	FROM 82	(X)		
2/1/09	1	6	CH-30	FROM 87	(X)		
2/1/09	2	7	CHM-1321	FROM 181	(X)		
2/1/09	3	8	CHM-1321	FROM 117	(X)		
2/1/09	1	9	CH-30	FROM 126	(X)		
2/1/09	2	10	CH-429	FROM 149	(X)		
2/1/09	3	11	CHM-1321	FROM 179	(X)		
2/1/09	1	12	CH-429	FROM 134	(X)		
2/1/09	2	13	CH-429	FROM 111/20	(X)		
2/1/09	3	14	CHM-1321	FROM 213/20	(X)		
2/1/09	1	15	CH-429	FROM 214	(X)		
2/1/09	2	16	CH-429	FROM 209/209	(X)		
2/1/09	3	17	CHM-1321	FROM 226/226	(X)		
2/1/09	1	18	CH-30	FROM 234	(X)		
2/1/09	2	19	CHM-1321	FROM 253	(X)		
2/1/09	3	20	CHM-1321	FROM 256	(X)		
2/1/09	1	21	CHM-1321	FROM 258	(X)		

The magnetic optical disk contained within box 2998 is displayed in figures 19-20 below:

Figure 19: IMG\_1040.JPG

Figure 20: IMG\_1039.JPG

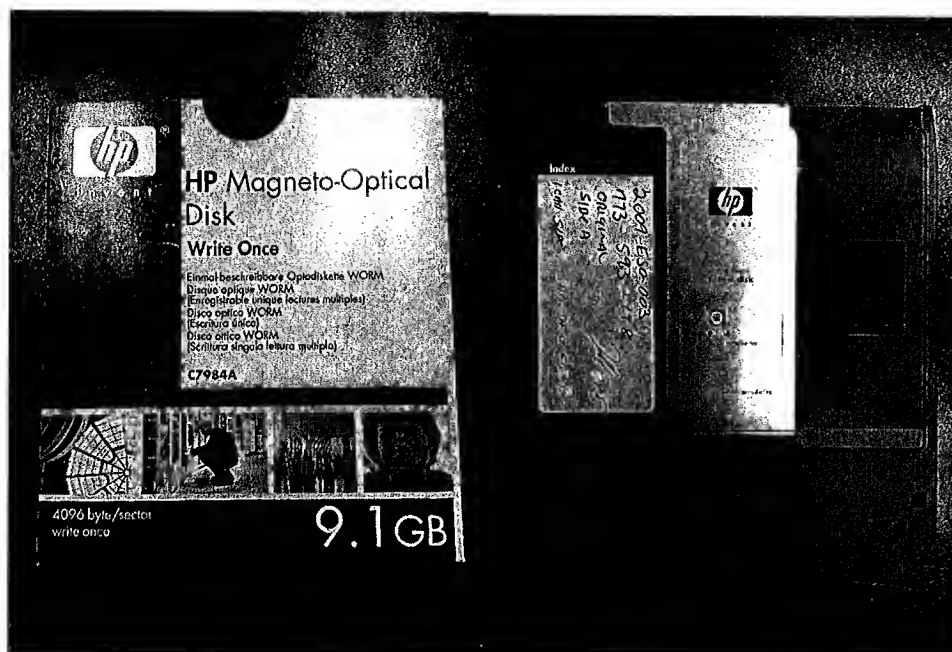
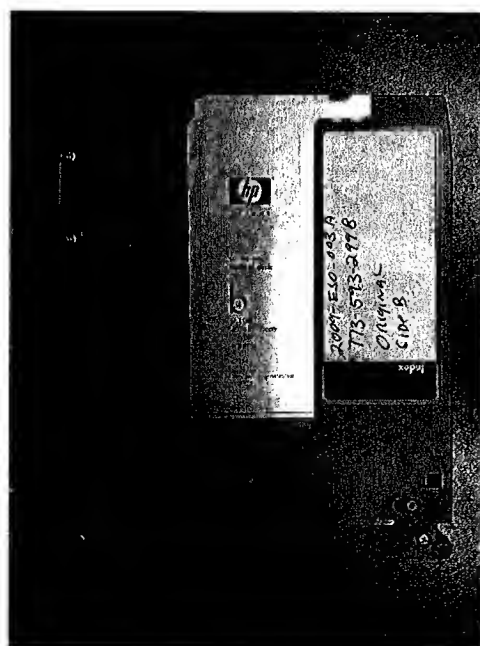
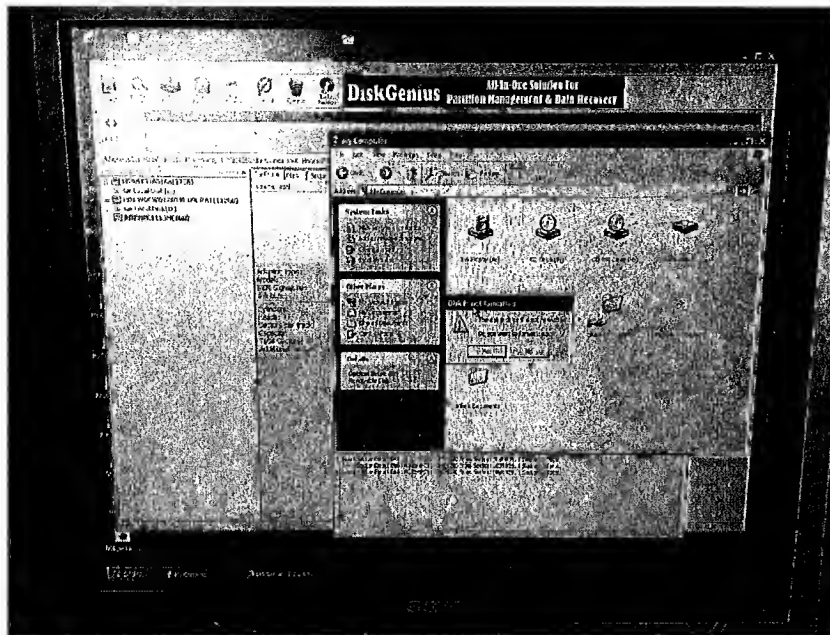


Figure 21: IMG\_1038.JPG



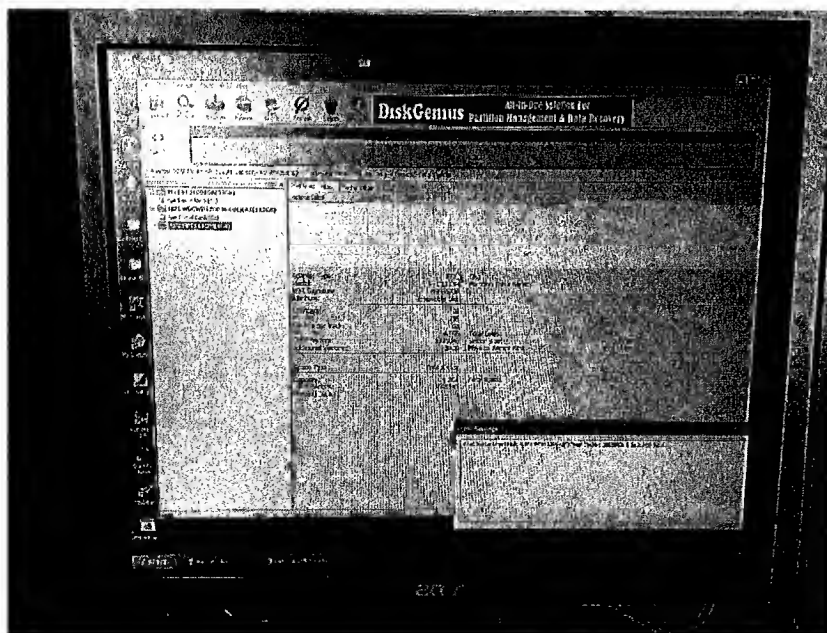
When I attempted to access the magnetic disk via the 9100mx drive, Windows XP provided an error message "The disk in drive E is not formatted. Do you want to format it now?". The error message is displayed in figure 22 below:

Figure 22: IMG\_1261.JPG



In addition, no disk manufacturer, capacity, amount used, formatting or other information was discoverable about the magnetic optical disk contained within Box 2998. The partition information from DiskGenius about the magnetic optical disk within Box 2998 is displayed in figure 23 below:

Figure 23: IMG\_1262.JPG



Due to the magnetic optical disk errors, I then analyzed the only other accessible format of the wiretap evidence recordings, the 21 compact discs. I copied the contents of each disc from box 2998 using Windows explorer on the XP machine to an external Seagate storage drive labeled "Drive A" and duplicated to "Drive B" for State's use. The Drive A storage drive is displayed in figure 24 below:

Figure 24: IMG\_1033.JPG



DISC 9 FRONT AND BACK

[illegible]

**COURT ORDER** 09JES070037A  
YELLOW

CASE NUMBER 773-593-2998

DATE: 27 Feb 01 09

SHIFT: ② 2 3 CIRCLE ONE

INCLUDES CALL NUMBERS  
120 THROUGH 114

NUMBER OF C/D (S) IN THIS  
ENVELOPE 11/20/01

INSERT ORIGINAL C/D (S) AND  
ORIGINAL INTERCEPT LOG THEN  
INITIAL OVER THE SEALED FLAPS

# DISC 10 FRONT AND BACK

Figure 27: IMG\_1076.JPG

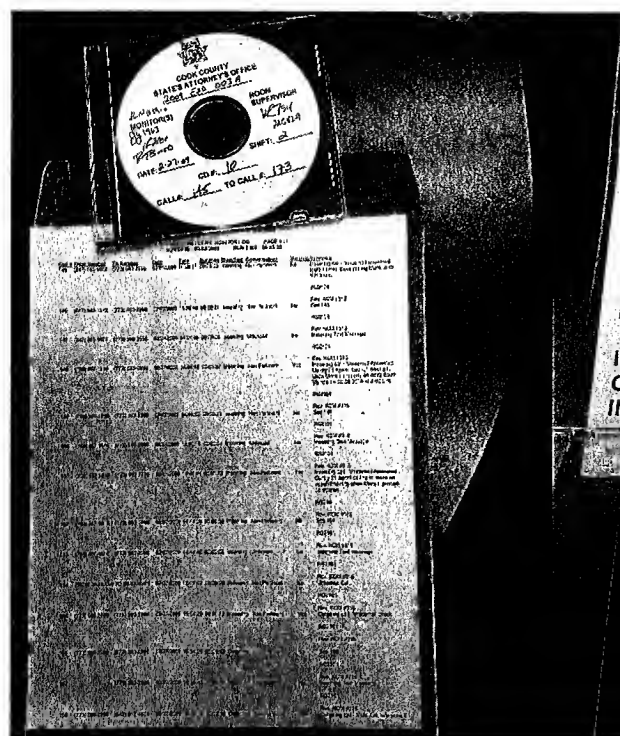
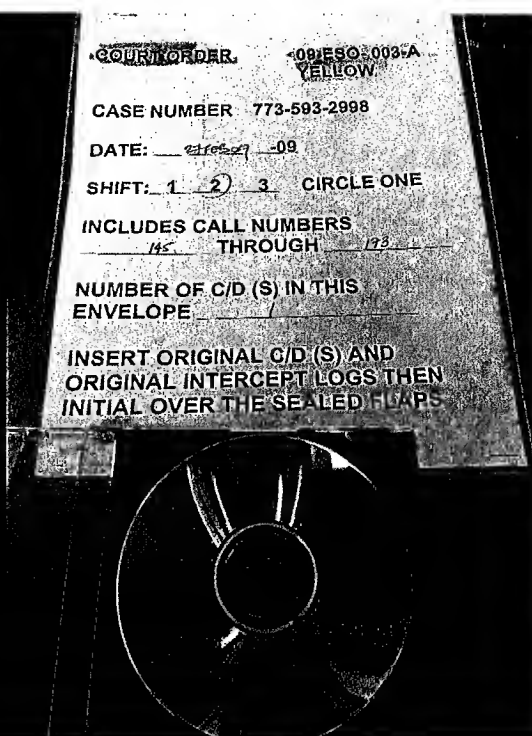


Figure 28: IMG\_1240.JPG



# DISC 18 FRONT AND BACK

Figure 29: IMG\_1105.JPG

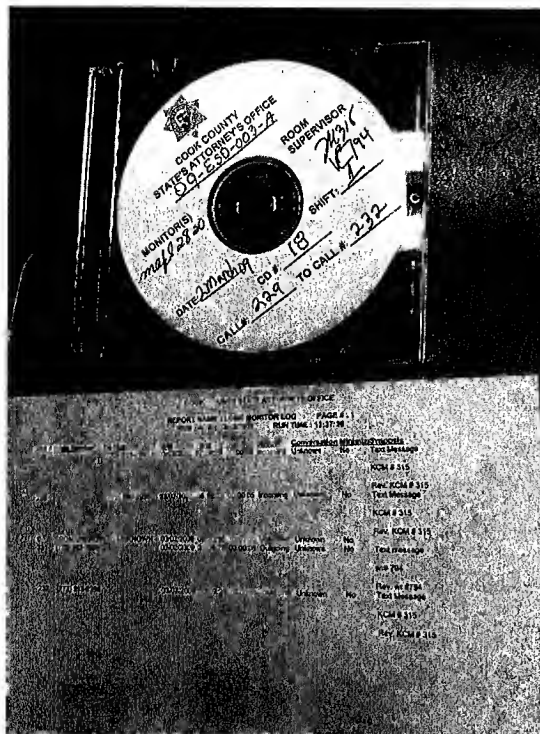
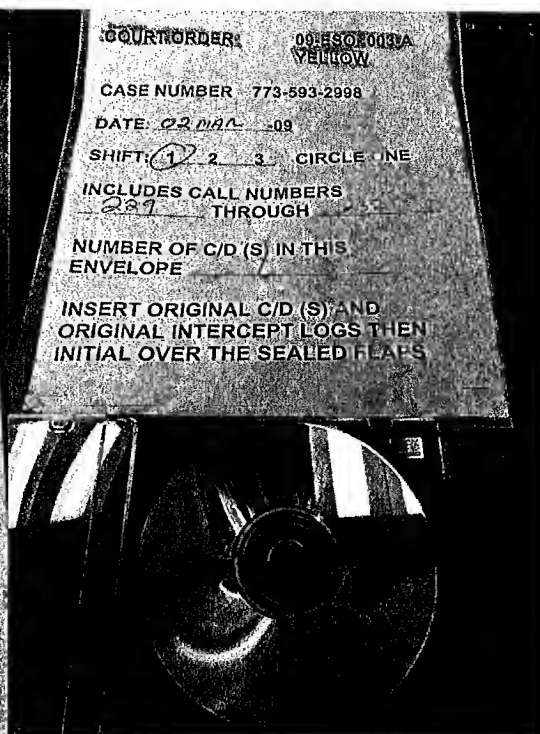


Figure 30 : IMG\_1241.JPG





I examined the box titled "09 – ESO – 003 – B 773-899-2445" next. Within the box was 21 manila envelopes as well as 1 Magnetic Optical Disk. The custody of intercepted recordings is featured in Figure 31 below:

Figure 31: IMG\_1119.JPG

COOK COUNTY STATE'S ATTORNEY'S OFFICE  
LAKE COUNTY MAJOR CRIMES

CASE # 003-ESO-003 B

CUSTODY OF INTERCEPTED RECORDINGS

DATE	SHEET	TAPE NO.	INVENTORING INVESTIGATOR'S SIGNATURE	CALL NUMBERS	TAPE SEALED 1-3	DATE & TIME RELEASED	RECEIVER'S SIGNATURE	FINAL CUSTODY AUTHORITY
1/15/03	2	1	Quinn	FROM 1/46	X			
1/15/03	3	2	Quinn	FROM 1/46	X			
1/15/03	3	3	Quinn	FROM 1/46	X			
1/15/03	4	4	Quinn	FROM 1/46	X			
1/15/03	5	5	Quinn	FROM 1/46	X			
1/15/03	6	6	Quinn	FROM 1/46	X			
1/15/03	7	7	Quinn	FROM 1/46	X			
1/15/03	8	8	Quinn	FROM 1/46	X			
1/15/03	9	9	Quinn	FROM 1/46	X			
1/15/03	10	10	Quinn	FROM 1/46	X			
1/15/03	11	11	Quinn	FROM 1/46	X			
1/15/03	12	12	Quinn	FROM 1/46	X			
1/15/03	13	13	Quinn	FROM 1/46	X			
1/15/03	14	14	Quinn	FROM 1/46	X			
1/15/03	15	15	Quinn	FROM 1/46	X			
1/15/03	16	16	Quinn	FROM 1/46	X			
1/15/03	17	17	Quinn	FROM 1/46	X			
1/15/03	18	18	Quinn	FROM 1/46	X			
1/15/03	19	19	Quinn	FROM 1/46	X			
1/15/03	20	20	Quinn	FROM 1/46	X			
1/15/03	21	21	Quinn	FROM 1/46	X			

The magnetic optical disk contained within box 2445 is displayed in figures 32-34 below:

Figure 32: IMG\_1132.JPG

Figure 33: IMG\_1135.JPG

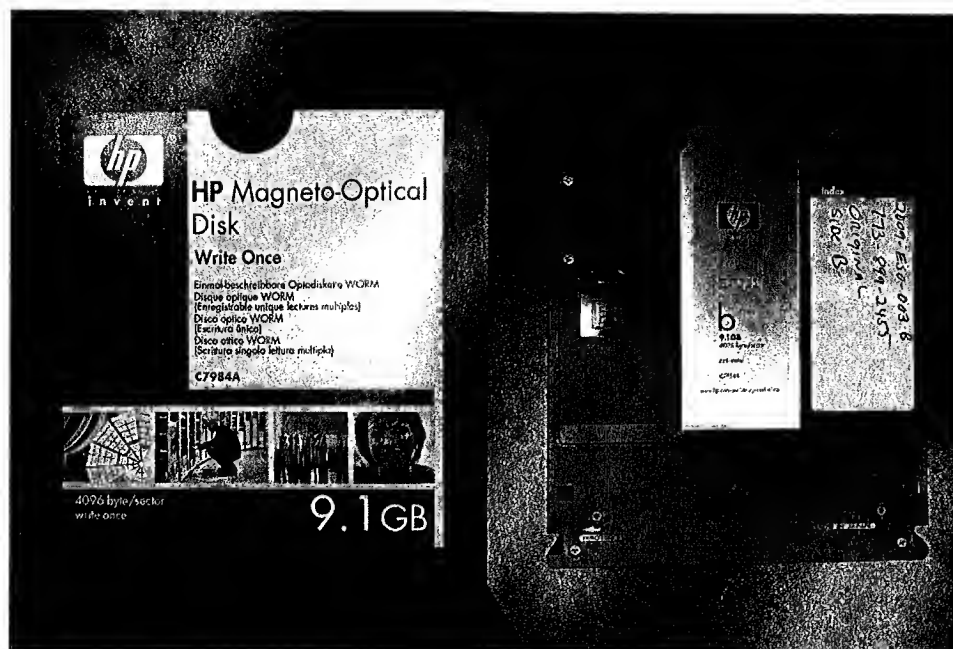
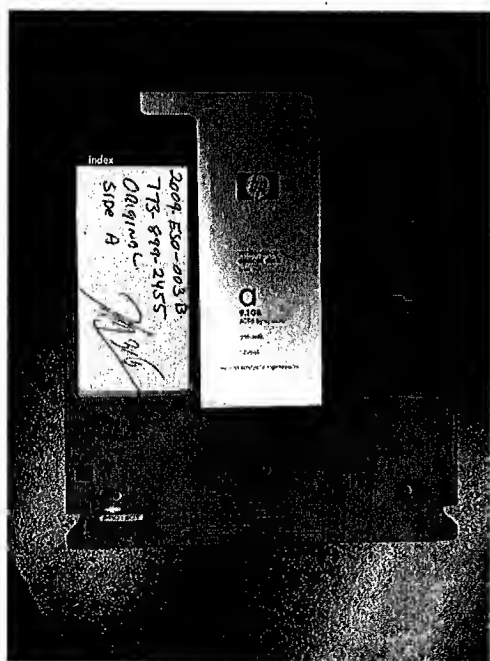
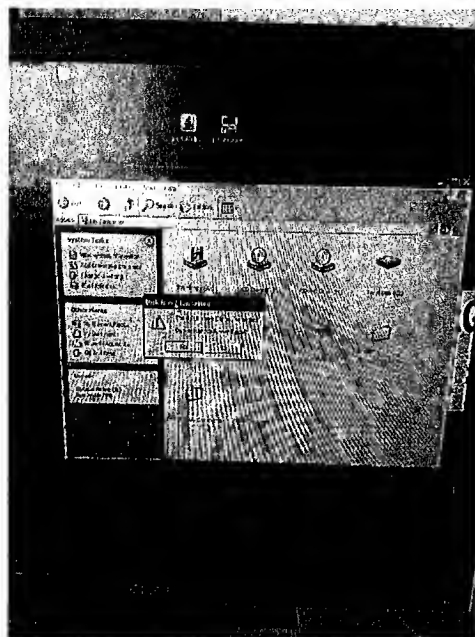


Figure 34: IMG\_1136.JPG



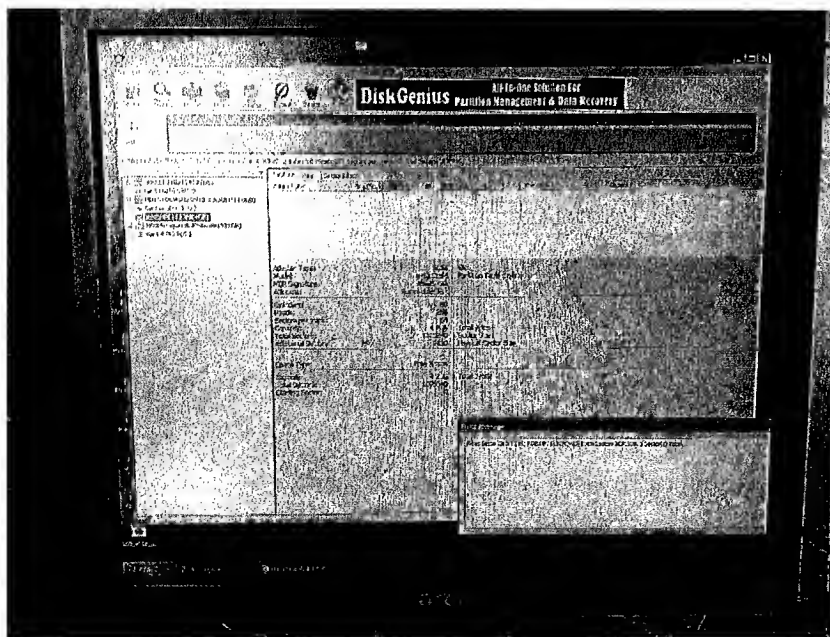
When I attempted to access the magnetic disk via the 9100mx drive, Windows XP provided an error message "The disk in drive E is not formatted. Do you want to format it now?". The error message is displayed in figure 35 below:

Figure 35: IMG\_1261.JPG



In addition, no disk manufacturer, capacity, amount used, formatting or other information was discoverable about the magnetic optical disk contained within Box 2445. The partition information from DiskGenius about the magnetic optical disk within Box 2445 is displayed in figure 36 below:

Figure 36: IMG\_1262.JPG



Due to the magnetic optical disk errors, I then analyzed the only other accessible format of the wiretap evidence recordings, the 21 compact discs. I copied the contents of each disc from box 2445 using Windows explorer on the XP machine to an external Seagate storage drive labeled "Drive A" and duplicated to "Drive B" for State's use. The Drive A storage drive is displayed in figure 37 below:

Figure 37: IMG\_1033.JPG

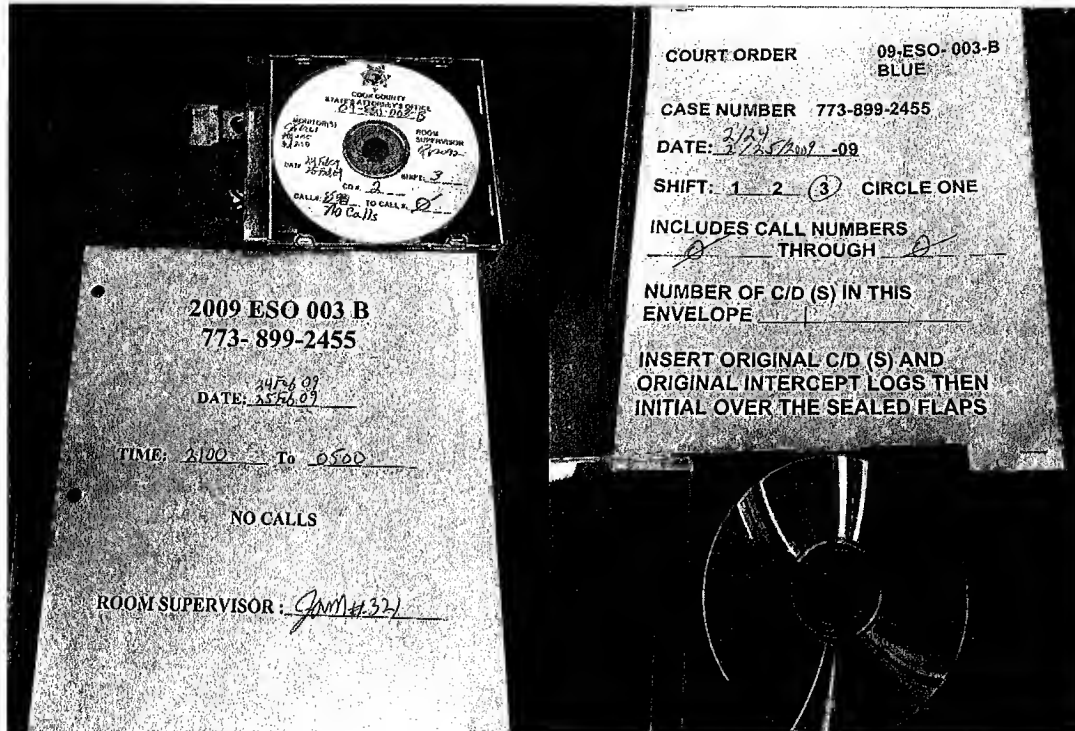


Throughout the course of copying the files, I noted the contents from discs 2, 3, 11, 12, 17, 18 and 20 were inconsistent with the custody of intercepted recordings. 2, 3, 11, 12, 17, 18 and 20 from Box 2445 are displayed in figures 38 through 51 below:

#### DISC 2 FRONT AND BACK

Figure 38: IMG\_1145.JPG

Figure 39: IMG\_1232.JPG



.....

[illegible]

COURT ORDER 09-ESO-003-B  
BLUE

CASE NUMBER 773-899-2455


DATE: 25 FEB 09

SHIFT: ① 2 3 CIRCLE ONE

INCLUDES CALL NUMBERS  
47 THROUGH 58

NUMBER OF C/D (S) IN THIS  
ENVELOPE

INSERT ORIGINAL C/D (S) AND  
ORIGINAL INTERCEPT LOGS THEN  
INITIAL OVER THE SEALED FLAPS



DISC 11 FRONT AND BACK

Figure 42: IMG\_1118.JPG

2009 ESO 003 B  
773- 899-2455

DATE: 27 Feb 09  
28 Feb 09

TIME: 22:00 To 0500

NO CALLS

ROOM SUPERVISOR: JAM #321

COOK COUNTY  
STATE'S ATTORNEY'S OFFICE  
CHIEF OF DET. 203-8

MONITORING  
ON 2/27  
11/11  
22:00  
2:00  
DATE: 2/27/09  
CO # 11  
SHIFT 3  
CALLS: 117 TO CALL #

Figure 43: IMG\_1231.JPG

COURT ORDER 09-ESO-003-B  
BLUE

CASE NUMBER 773-899-2455

DATE: 27 Feb  
28 Feb -09

SHIFT: 1 2 3 CIRCLE ONE

INCLUDES CALL NUMBERS  
0 THROUGH 28115  
NO

NUMBER OF C/D (S) IN THIS  
ENVELOPE 1

INSERT ORIGINAL C/D (S) AND  
ORIGINAL INTERCEPT LOGS THEN  
INITIAL OVER THE SEALED FLAPS

DISC 12 FRONT AND BACK

Figure 44: IMG\_1123.JPG

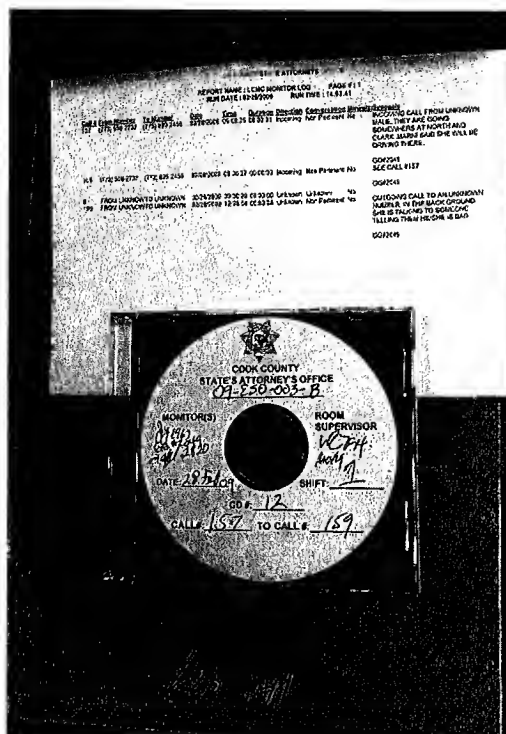
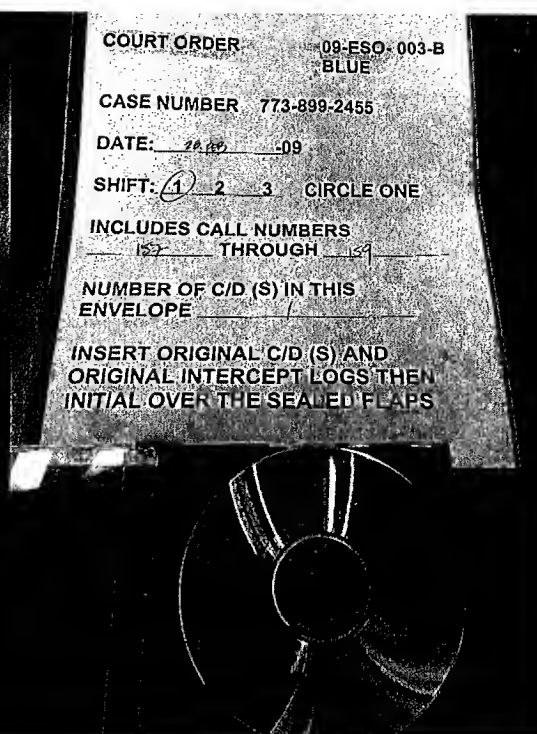


Figure 45: IMG\_1124.JPG





DISC 17 FRONT AND BACK

Figure 46: IMG\_1182.JPG

COOK COUNTY  
STATE'S ATTORNEY'S OFFICE  
09-ESO-003-B

MONITOR (B)  
AA-47  
28 AX  
ROOM SUPERVISOR  
10-462

CALLER: 05-17 TO CALL: 05

2009 ESO 003 B  
773-899-2455

DATE: 1 March 07  
2 March 07

TIME: 22:00 To 05:00

NO CALLS

ROOM SUPERVISOR: GAM #321

Figure 47: IMG\_1235.JPG

COURT ORDER 09-ESO-003-B  
BLUE

CASE NUMBER 773-899-2455

DATE: 1 March 09

SHIFT: 1 2 3 CIRCLE ONE

INCLUDES CALL NUMBERS  
THROUGH

NUMBER OF C/D (S) IN THIS  
ENVELOPE 1

INSERT ORIGINAL C/D (S) AND  
ORIGINAL INTERCEPT LOGS THEN  
INITIAL OVER THE SEALED FLAPS

# DISC 18 FRONT AND BACK

Figure 48: IMG\_1185.JPG

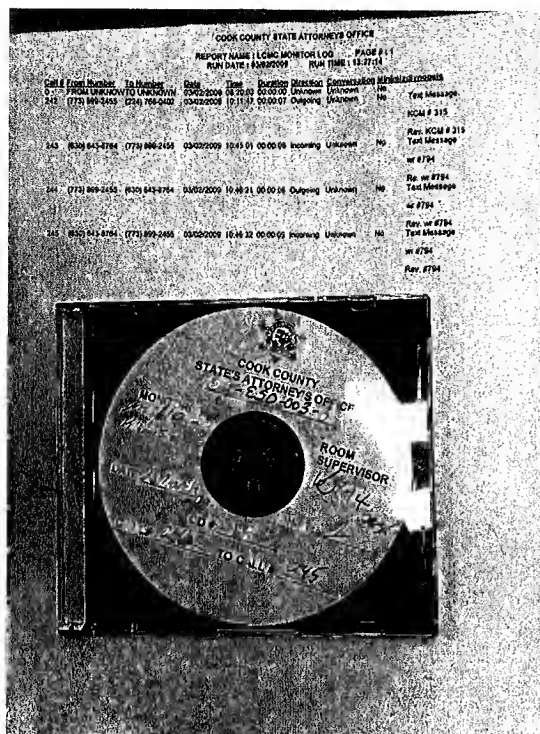


Figure 49: IMG\_1242.JPG



DISC 20 FRONT AND BACK

Figure 50: IMG\_1192.JPG

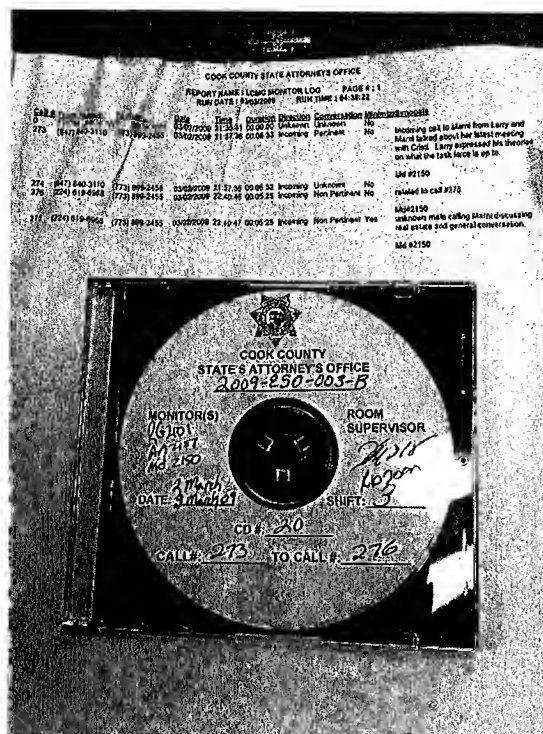
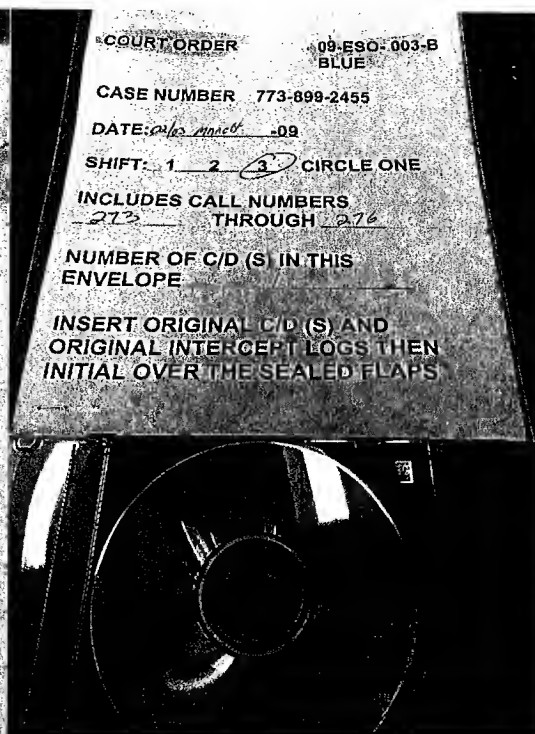


Figure 51: IMG\_1243.JPG



## OBSERVATIONS

- Box 2998 contained 21 manila envelopes which had chain of custody information intact.
- Box 2998 contained 1 compact disk within each manila envelope.
- Box 2998 Magnetic Optical Disk did not have any physical signs of damage, or signs of tampering.
- Box 2998 Magnetic Optical Disk was not accessible in the 9100mx drive using Windows XP and reported an error, followed by formatting prompts.
- Disc 9 reports error "H:\ is not accessible. The disk structure is corrupted and unreadable" from Feb 26<sup>th</sup> & 27<sup>th</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 10 is empty and does not contain any phone calls, text messages or documentation from March 2<sup>nd</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 18 does not contain any phone calls or text messages, only a shift log from March 2<sup>nd</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- All contents displayed within windows explorer of the 19 compact discs from box 2998 using the Windows XP machine were successfully copied to the Seagate Drive A external drive and duplicated to Drive B for State's use.
- Box 2445 contained 21 manila envelopes which had chain of custody information intact.
- Box 2445 contained 1 compact disk within each manila envelope.
- Box 2445 Magnetic Optical Disk did not have any physical signs of damage, or signs of tampering.
- Box 2445 Magnetic Optical Disk was not accessible in the 9100mx drive using Windows XP and reported an error, followed by formatting prompts.
- Disc 2 is empty and does not contain any phone calls, text messages or documentation from Feb 24<sup>th</sup> & 25<sup>th</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 3 reports error " Cannot read from the source file or disk" from Feb 25<sup>th</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 11 is empty and does not contain any phone calls, text messages or documentation from Feb 27<sup>th</sup> & 28<sup>th</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 12 is empty and does not contain any phone calls, text messages or documentation from Feb 28<sup>th</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 17 is empty and does not contain any phone calls, text messages or documentation from March 1<sup>st</sup> and March 2<sup>nd</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 18 is empty and does not contain any phone calls, text messages or documentation from March 2<sup>nd</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- Disc 20 is empty and does not contain any phone calls, text messages or documentation from March 3<sup>rd</sup> 2009. This is inconsistent with the custody of intercepted recordings log.
- All contents displayed within windows explorer of the 14 compact discs from box 2445 using the Windows XP machine were successfully copied to the Seagate Drive A external drive and duplicated to Drive B for State's use.
- Based on my experience with interpreting evidence recordings and their playback equipment, I made attempts to obtain the necessary equipment to analyze the Magnetic Optical Disk contained within Box 2998. I would require additional information about the equipment that purported to create the Magnetic Disk from the State's Attorneys Office or the Law Enforcement Department that created the Magnetic Optical Disk originally.

- Based on my experience with interpreting evidence recordings and their playback equipment, I made attempts to obtain the necessary equipment to analyze the Magnetic Optical Disk contained within Box 2445. I would require additional information about the equipment that purported to create the Magnetic Disk from the State's Attorney's Office or the Law Enforcement Department that created the Magnetic Optical Disk originally.
- Due to the inconsistent information contained on discs 9, 10 and 18 from Box 2998, it is possible that the contents of the discs were mishandled or corrupted from the time of recording to the time they were sealed and preserved as evidence. Although I did not detect any deleted signatures on discs 9, 10 and 18 from Box 2998 these discs are copies and not the original storage format of the evidence recordings. In other words, evidence of deleted recordings may exist on the Magnetic Optical Disk stored in Box 2998. Furthermore, there may have been additional phone conversations that were created but not preserved on the evidence discs 9, 10 and 18.
- Due to the inconsistent information contained on discs 2, 3, 11, 12, 17, 18 and 20 from Box 2445, it is possible that the contents of the discs were mishandled or corrupted from the time of recording to the time they were sealed and preserved as evidence. Although I did not detect any deleted signatures on discs 2, 3, 11, 12, 17, 18 and 20 from Box 2445 these discs are copies and not the original storage format of the evidence recordings. In other words, evidence of deleted recordings may exist on the Magnetic Optical Disk stored in Box 2445. Furthermore, there may have been additional phone conversations that were created but not preserved on the evidence discs 2, 3, 11, 12, 17, 18 and 20.
- I was able to obtain digital copies of the recordings in relation to my investigation objectives for February 28<sup>th</sup> from the wire tap room recordings

## DENNY'S RECORDINGS

Before I arrived in Chicago to perform the site inspection, you asked that I generate a document to request the original recordings needed to complete an accurate authentication analysis. The document I generated is displayed in figure 52 and 53 below:

Figure 52: Jed Stone Audio Authentication Inspection\_Page\_1.jpg



14 November, 2018

Jed Stone  
Attorney at Law  
415 Washington Street, Suite 107  
Waukegan, IL 60085

Re: Audio Authentication Site Inspection

Mr. Stone,

You asked that I perform a preliminary analysis of a digital audio recording titled "02.28.2009 at 19.17.29#1.wav" and determine the authenticity of the events as well as verify the digital integrity of the recording. Based on my training and experience, a recording created by a handheld digital recording would leave digital signatures with specific information about the device that was used to create it in most instances. I was unable to detect any digital recorder signatures that contain manufacturer information about the device that created it. In addition, no chain of custody information was presented to me, and I was unable to verify the digital chain of custody to determine what generation copy the recording is to verify it was copied according to acceptable protocols. In order to analyze the recordings with 100% accuracy for forensic testing, I would need to examine an authentic copy of the original recording or recordings and/or the original recorder that created them.

I propose that I gain access to the original recording and/or the device that was used to create the original recording. I would examine the device and familiarize myself with its operation based on the user manual. In addition, I would examine the original evidence file in its original form. It is my understanding that the original is contained on a recorder and I would extract a working copy to perform testing. This is based on proper protocols established by the scientific community. The entire process would be video recorded to ensure the reliability of testing performed.

Based on my experience with site inspection investigations, opposing counsel may elect to be present for my examination or agree upon a site inspection protocol that we establish prior to my examination. I have no objection to either of the two options.

1

1703 Star Batt Drive Rochester Hills, MI 48309 800-647-4281 Fax: 248-659-1696

Figure 53: Jed Stone Audio Authentication Inspection\_Page\_2.jpg

Please let me know if you have any additional questions, I look forward to receiving an update as logistics are made available.

Respectfully submitted,



Michael Primeau, BAET, FVT

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## CHAIN OF CUSTODY

---

## METHODOLOGY

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Digital media evidence submitted to the courts must be accompanied by a chain of custody. This chain of custody is most always in written form. It exhibits who was responsible for acquisition of the original recorded evidence, who was responsible for keeping that evidence safe and who was responsible for presenting that original evidence to the Trier of Fact. This chain of custody includes, but is not limited to:

4. Information on the original recording device including make and model.
5. Information on how the evidence was extracted from the recorder that created it.
6. Digital handling information from all parties that had access to the evidence between the time of its extraction and my investigation.

### *Preservation of Recordings:*

The National Institute of Standards and Technology (NIST), Scientific Working Group on Digital Evidence (SWGDE) and Technical Working Group for the Examination of Digital Evidence (TWGEDE) guidelines describe:

- "Actions taken to secure and collect digital evidence should not affect the integrity of that evidence".
- "Persons conducting an examination of digital evidence should be trained for that Purpose".
- "Activity relating to the seizure, examination, storage, or transfer of digital evidence should be documented, preserved, and available for review"



## SUMMARY

Upon arrival on 3 June 2019 in Chicago at the Lake County State Attorney's office, I was informed by Ken Larue as well as Tony Theis that the Denny's recordings were not available for analysis. I informed both Mr. Larue and Mr. Theis that these original recordings were apart of the scope of my site inspection and authentication investigation. Mr. Larue then contact the facility where the recordings were being stored and requested transport of the recordings to the Lake County State Attorney's office on 4 June 2019. Mr. Theis and I then began to sift through 14 boxes of documents, recordings as well as other evidence in order to locate the Denny's recordings. About 30% through our sifting, we realized that 5 of the 13 boxes did not belong to the Yang investigation and were apart of an additional request from the Lake County State Attorney's office.

I examined 1 of the 9 boxes pertaining to the Yang request and discovered a black binder titled "TASK FORCE REPORTS". The binder contained 3 discs titled "07-15329 MY021", "07-15329 MY019" and "Denny's 1 & Denny's 2". These were the only discs I was able to discover from the 9 boxes that pertained to Denny's recordings. The binder where the 3 discs were contained is displayed in figures 54 through 62 below:

Figure S4: IMG\_1208.JPG

Figure 55: IMG\_1212.JPG

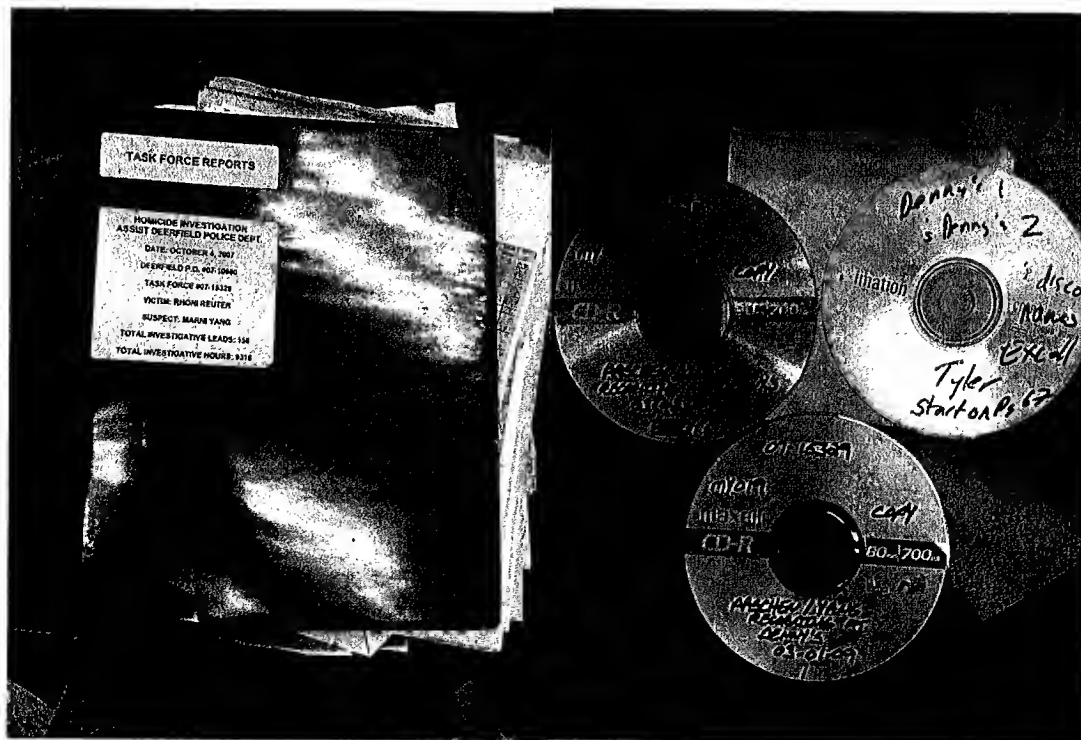


Figure 56: IMG\_1210.JPG

Figure 57: IMG\_1211.JPG



Figure 58: IMG\_1213.JPG

Figure 59: IMG\_1214.JPG

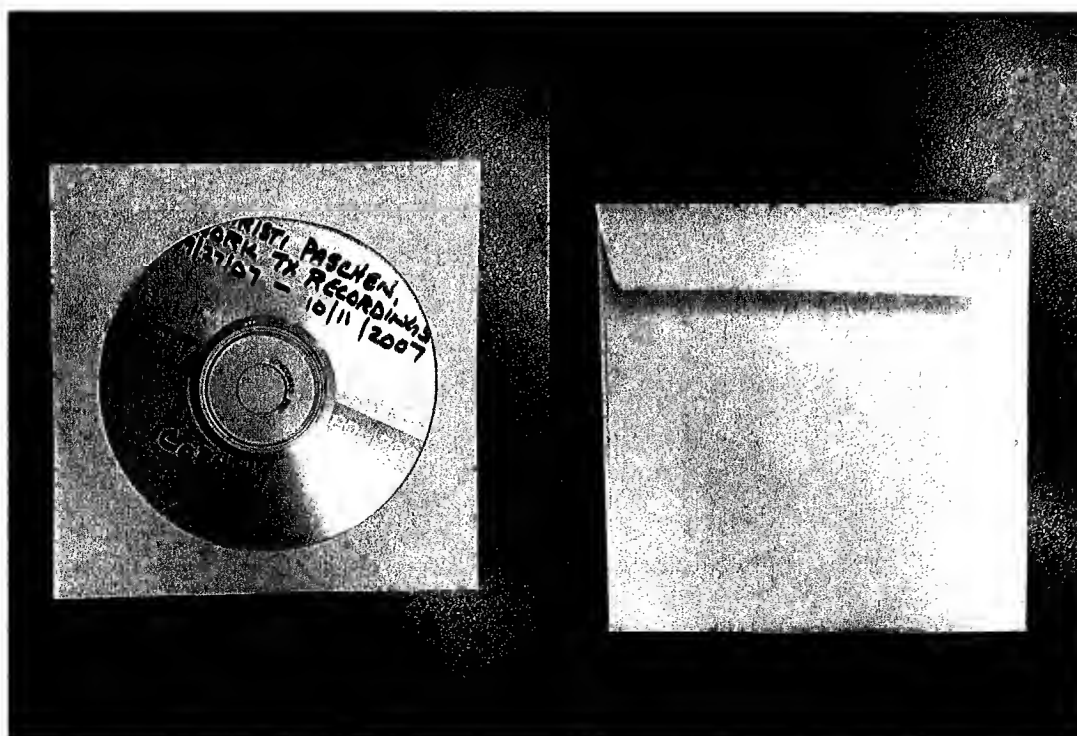


Figure 60: IMG\_1215.JPG

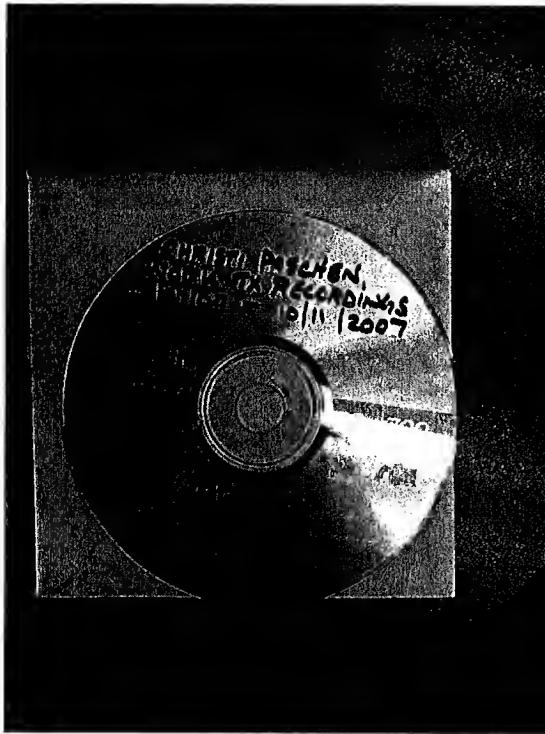


Figure 61: IMG\_1218.JPG



I was able to copy the contents of each of the 3 discs using Windows explorer on the XP machine to an external Seagate storage drive labeled "Drive A". The Drive A storage drive is displayed in figure 62 below:

Figure 62: IMG\_1033.JPG



---

## OBSERVATIONS

- The discs in which Denny's recordings were stored were not accompanied by any chain of custody information.
- The discs in which Denny's recordings were stored were not sealed or preserved as evidence.
- The discs in which Denny's recordings were stored were labeled "copy".
- Through investigation of all 14 boxes delivered from storage transport request, discovered a sealed GSR test as evidence. Can't recall which box it came from. We looked through all 14 boxes initially not realizing 9 were related to the Yang investigation.
- I cannot perform digital integrity verification testing for authentication purposes of copies of the Denny's recordings.
- Will need to perform time/frequency domain testing of the Denny's recordings in order to authenticate.
- Obtained make and model recorder of Denny's recordings from HEX data, needed to generate samples to determine if it was possible to manipulate recordings and pass forensic testing.
- Based on the lack of a chain of custody and preservation seals for evidence of the Denny's recordings, I cannot perform accurate digital integrity verification testing. Based on my experience of examination of digital media evidence, the discs I was provided as evidence in relation to the Denny's recordings appear to be consistent with copies of an original. In other words, a complete and accurate forensic analysis of the Denny's recordings is not possible at this time.
- I was able to obtain digital copies of the recordings in relation to my investigation objectives for March 2<sup>nd</sup> and 3<sup>rd</sup> from the Denny's recordings.

---

**METHODOLOGY****SWGDE Best Practices for Digital Audio Authentication (2018)****4.4.1 File Format Analysis**

This is a type of observational analysis in which an examiner uses applications capable of displaying multimedia file metadata, document metadata fields and their values. Metadata could include: recorder make/model, serial number, settings applied during the recording, date and time of recording, recording length, and user data such as investigator or case number.

This includes examining the meta and hexadecimal data that reveals information about the file including, but not limited to:

- File format
- Date created, accessed, and modified
- Sample rate
- Bit depth
- File size and length
- Manufacturer and model information
- Third party editing software used

**4.4.2 File Structure Analysis**

The file structure, including header metadata, recorded content, metadata multiplexed with the recorded content, and possible footer data of the submitted recording are observational analyses and should be compared with exemplar recordings made from submitted recorders or other test recordings. If the purported original recording device is not available or is otherwise unable to be utilized, use the same make/model of device. Document these structures to include both hex and American Standard Code for Information Interchange (ASCII) fields and their byte offsets.

## FILE FORMAT ANALYSIS

I began the file format analysis portion of my authentication investigation by examining the meta data from the Denny's audio recordings using EXIF tool. Based on the chain of custody portion of my analysis on PG 43 of this report, I analyzed the date created, modified and accessed information to determine if these recordings were indeed consistent with an original. The output of the Denny's recordings titled "DS300014.WMA" and "DS300018.WMA" from EXIF tool are displayed in Figures 63 and 64 below:

Figure 63: DS300014.txt

```
---- ExifTool ----
ExifTool Version Number      : 11.32
---- System ----
File Name                    : DS300014.WMA
Directory                    : D:/Dennys/CD Copies - Copy/07-15329 03-01-09
File Size                    : 30 MB
File Modification Date/Time   : 2009:03:02 01:43:45-05:00
File Access Date/Time        : 2019:06:04 14:13:51-04:00
File Creation Date/Time      : 2019:06:04 14:13:51-04:00
File Permissions              : rw-rw-rw-
---- File ----
File Type                    : WMA
File Type Extension          : wma
MIME Type                    : audio/x-ms-wma
---- ASF ----
File ID                      : 124CFF64-5FEE-6812-ODFE-C0991E686E25
File Length                  : 30985178
Creation Date                : 1601:01:01 00:00:00Z
Data Packets                 : 10321
Duration                    : 1:03:55
Send Duration                : 1:03:54
Preroll                      : 1486
Flags                        : 2
Min Packet Size              : 3002
Max Packet Size              : 3002
Max Bitrate                  : 64 kbps
Stream Type                  : Audio
Error Correction Type        : Audio Spread
Time Offset                  : 0 s
Stream Number                : 1
Audio Codec ID               : Windows Media Audio V2 V7 V8 V9 / DivX audio (WMA) / Alex AC3 Audio
Audio Channels               : 2
Audio Sample Rate            : 44100
Audio Codec Name             : Windows Media Audio V8
Audio Codec Description      : 64 kbps, 44 kHz, stereo
```

Figure 64: DS300018.txt

```
---- ExifTool ----
ExifTool Version Number      : 11.32
---- System ----
File Name                    : DS300018.WMA
Directory                   : D:/Dennys/CD Copies - Copy/07-15329 03-02-09
File Size                   : 41 MB
File Modification Date/Time  : 2009:03:02 23:02:40-05:00
File Access Date/Time       : 2019:06:04 14:13:51-04:00
File Creation Date/Time     : 2019:06:04 14:13:51-04:00
File Permissions            : rw-rw-rw-
---- File ----
File Type                   : WMA
File Type Extension         : wma
MIME Type                   : audio/x-ms-wma
---- ASF ----
File ID                     : BA55E143-E77A-0596-CFDF-1C0C379924D2
File Length                 : 43332404
Creation Date               : 1601:01:01 00:00:00Z
Data Packets                : 14434
Duration                    : 1:29:24
Send Duration               : 1:29:22
Preroll                     : 1486
Flags                       : 2
Min Packet Size             : 3002
Max Packet Size             : 3002
Max Bitrate                 : 64 kbps
Stream Type                 : Audio
Error Correction Type       : Audio Spread
Time Offset                 : 0 s
Stream Number               : 1
Audio Codec ID              : Windows Media Audio V2 V7 V8 V9 / DivX audio (WMA) / Alex AC3 Audio
Audio Channels               : 2
Audio Sample Rate           : 44100
Audio Codec Name             : Windows Media Audio V8
Audio Codec Description     : 64 kbps, 44 kHz, stereo
```

## FILE STRUCTURE ANALYSIS

I began the digital information portion of my authentication investigation by examining the digital format of the Denny's audio recordings. Although I am not confident in the accuracy of the digital authentication verification testing, I needed to identify what type of recorder created the evidence recordings in order to perform exemplar testing. The outputs of the Denny's recordings titled "DS300014.WMA" and "DS300018.WMA" from HXD are displayed in Figures 65 and 66 below:

Figure 65: DS300014.WMA HXD OUTPUT.JPG

The screenshot shows a hex editor window titled "HXD - [D:\Denny's\CD Copies - Copy\07-15329 03-01-09\DS300014.WMA]". The main area displays hexadecimal data for the file "DS300014.WMA". The data is organized into columns, with the first column showing offsets (e.g., 00000000, 00000010, etc.) and subsequent columns showing hex values. Some values are decoded into text, such as "00000000 10 26 B2 75 8E 66 CF 11 A6 D8 00 AA 00 62 CE 6C" decoding to "00000000 10 26 B2 75 8E 66 CF 11 A6 D8 00 AA 00 62 CE 6C".

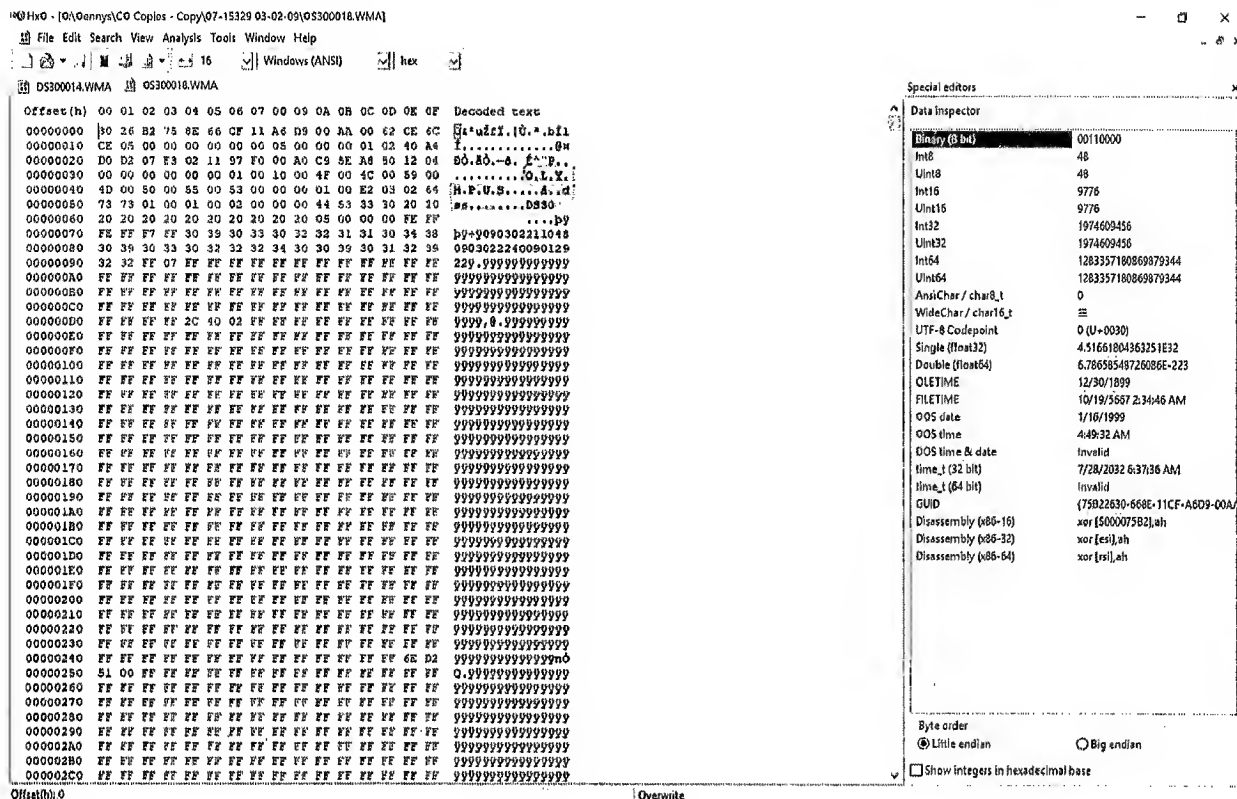
On the right side, the "Data Inspector" pane shows the following metadata:

Property	Value
Binary (B bit)	00110000
Int8	48
Int16	48
Int32	9776
Int64	9776
Int128	1974609456
Int256	1974609456
Int512	128335718086979344
Int1024	128335718086979344
AnsiChar / char8_t	0
WideChar / char16_t	0
UTF-8 Codepoint	0 (U+0000)
Single (float32)	4.51661804363251E32
Double (float64)	6.76658548726086E-223
OLETIME	12/30/1999
FILETIME	10/19/1997 2:34:46 AM
DOS date	1/16/1999
DOS time	4:49:32 AM
DOS time & date	Invalid
time_t (32 bit)	7/28/2032 6:37:36 AM
time_t (64 bit)	Invalid
GUID	{75B22630-668E-11CF-A6D9-00A0}
Disassembly (x86-16)	xor [eax],ah
Disassembly (x86-32)	xor [eax],ah
Disassembly (x86-64)	xor [rax],ah

At the bottom of the hex editor, there are checkboxes for "Byte order" (Little endian selected, Big endian unselected) and "Show integers in hexadecimal base" (unselected).



Figure 66: DS300018.WMA HXD OUTPUT.JPG



From the HEX information displayed in figure 65 & 66, I was able to determine what type of equipment was used to create the Denny's recordings as an Olympus DS 30 digital handheld audio recorder. I then obtain the operators manual for this device. Through examination of the operator's manual I noted that the WMA files produced by the device can be split or manipulated using a proprietary software from Olympus. The page from the manual where I discovered this information is featured in figure 67 below:

## Table of Contents

### 7 Using the Recorder on Your PC

Saving Files In Your PC .....	96
Using DSS Player Software .....	98
Installing Software .....	100
Uninstalling Software .....	103
Using Online Help .....	104
Connecting to Your PC .....	105
Running DSS Player .....	107
Window Names (DSS Player) .....	108

### 8 Managing Files on Your PC

Download Voice Files from the Recorder ..	109
Play a Voice File .....	111
Upload Voice Files to the Recorder .....	112
Send Voice Files with E-mail .....	114
Changing User ID .....	114
Changing a Folder Name .....	115
Editing File Comments .....	115
Editing a Template .....	116
Copying Voice Guide Data .....	117
USB Microphone/USB Speaker .....	118

### 9 DSS Player Expanded Functions

Upgrade Function .....	120
Using Voice Recognition Software .....	122
Joining Files .....	130
Splitting Files .....	132
Menu Setting of this Recorder .....	134

### 10 Importing Content for Listening on the Recorder

Importing Content for Listening on the Recorder .....	135
Using Windows Media Player .....	136
Window Names (Windows Media Player) .....	137
Copying Music from CD .....	138
Transferring Music File to the Recorder ....	139
Importing Podcast Content .....	142

### 11 Enjoy Audible Content

Loading Audible Content .....	146
Transferring Audible Content .....	149
Enjoy Audible Content with the Recorder ,	151

### 12 Other Practical Use Methods

Using as External Memory of the Computer ....	155
---	-----

### 13 Other Information

Alarm Message List .....	156
Troubleshooting .....	157
Accessories (optional) .....	159
Specifications .....	160
Technical Assistance and Support .....	161

While examining the manual for the Olympus DS 30 I also noted on PG 4 of the user manual that the recording equipment has the capability to record from an external microphone or other devices. Based on my experience of authentication of digital audio recordings, it is possible to fabricate a recording and “launder” it back into the device through the external input that a microphone can also connect to. PG 4 of the user manual as well as PG 35 that describes this process is displayed in Figures 68 and 69 below:

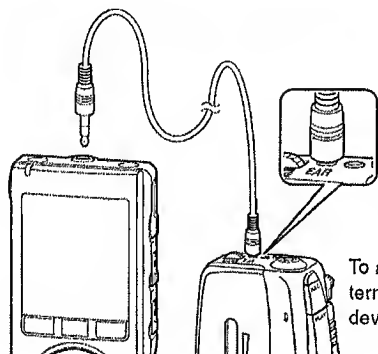
Figure 68: DS-50\_DS-40\_DS-30\_Instructions\_EN.pdf PG 4.JPG

## Table of Contents

Introduction .....	2	Set Skip Space (Skip Space) .....	46
INDEX .....	3	Changing the Playback Speed (Play Speed) ..	48
Table of Contents .....	4	Select Play Mode (Play Mode) .....	51
Safe and Proper Usage .....	6	How to begin segment repeat playback ..	53
General Precautions .....	6	Noise Cancel Function (Noise Cancel) ...	55
<b>1 Getting Started</b>		Set the Voice Filter (Voice Filter) .....	57
Main Features .....	9	Alarm Playback Function (Alarm) .....	59
Identification of Parts .....	10	<b>4 Erase and other functions</b>	
Inserting Batteries .....	13	Erasing .....	63
Using the AC Adapter .....	14	Index Marks and Temp Marks .....	66
Power Supply .....	15	Locking Files (Lock) .....	68
HOLD .....	16	Changing Folder Names (Folder Name) .....	70
Setting Time/Date (Time&Date) .....	17	Rearranging files (File Move) .....	72
Notes on the Folders .....	19	Formatting the Recorder (Format) .....	74
<b>2 About Recording</b>		Changing the USB Class (USB Class) .....	77
Before recording .....	23	Changing Power Save (Power Save) .....	78
Recording .....	25	Changing External Input Setting (Ext. Input) ...	79
Using the Variable Control Voice Actuator		Viewing system information (System Info.) ....	81
(VCVA) .....	28	<b>5 Display and Sound Functions</b>	
Recording Modes (Rec Mode) .....	30	LCD Display Information .....	82
Microphone Sensitivity .....	31	Backlight (Backlight) .....	84
Set the Low Cut Filter (LowCut Filter) ....	32	LED(LED) .....	85
Recording from External Microphone or		LCD Contrast Adjustment (Contrast) .....	86
Other Devices .....	34	Guidance (Voice Guide) .....	87
Timer Recording (Timer Rec) .....	36	System Sounds (Beep) .....	90
<b>3 About Playback</b>		<b>6 Menu Setting</b>	
Playing .....	41	Menu Setting Method .....	91
		Menu List .....	93

## Recording from External Microphone or Other Devices

To MIC  
(microphone) jack



To audio output  
terminal of other  
devices

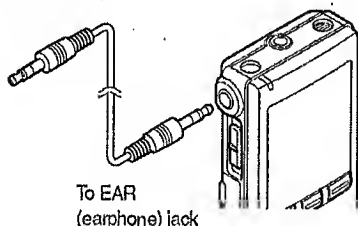
### Recording the Sound of Other Devices with This Recorder

The sound can be recorded when connecting to the audio output terminal (earphone jack) of the other device, and the microphone jack of the recorder with the connecting cord (optional KA333)(P159) for dubbing.

2

Recording from External Microphone or Other Devices

To audio input  
terminal of  
other devices



To EAR  
(earphone) jack

### Recording the Sound of This Recorder with Other Devices

The sound of this recorder can be recorded to other devices when connected to the audio input terminal (microphone jack) of other devices and the earphone jack of this recorder, with the connecting cord (optional KA333) for dubbing.

#### Notes

- Use the connecting cord sold separately for dubbing (KA333) to connect the recorder with other devices
- The detailed Input levels cannot be adjusted with this recorder. When you connect the recorder to an external device, execute a test recording and adjust the output level of the external device.
- A microphone with plug-in power, which receives the power supply from this recorder, can be used.

---

## OBSERVATIONS

- HEX indicates Olympus DS 30 in recordings titled "DS300014.WMA" and "DS300018.WMA".
- Researched and obtained operators manual for the Olympus DS 30. Manual specifies files can be split and joined using the DSS player software accompanied with the player.
- Olympus DS 30 has capability to digitize recording from another source using line in function with additional equipment.
- Discs have "Copy" written on the face, which suggests not original. Cannot authenticate as original without chain of custody documentation, or instruction as to how the files were copied
- CD Authoring application may have altered or removed information.

---

## TIME/FREQUENCY DOMAIN ANALYSIS

---

### SIGNAL POWER

---

### METHODOLOGY

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#### SWGDE Best Practices for Digital Audio Authentication (2018)

##### 4.5.2 Signal Power

The power of an audio signal can be computed on short time frames, displayed as the trajectory of the power over the entire signal, and used to reveal possible missing information of the acoustic signal due to mechanical failure, compression artifacts, or insertion of silence. Signal power is observational and measurement based. Measurement uncertainty depends on distortion (e.g. clipping) and windowing length.

---

### SIGNAL POWER TESTING

The signal power testing requires WAV formatting for analysis using Wavesurfer. The digital audio recordings analyzed throughout this investigation are in a WMA formatting. I began the signal power testing by converting the digital audio recordings titled "DS300014.WMA" and "DS300018.WMA" using Boxoft free WMA to WAV converter. Once both recordings were converted to a WAV formatting, I then imported them into Wavesurfer, generated a waveform output, followed by a power plot output. The signal power plot is for both audio recordings are displayed in figures 70 and 71 below:

Figure 70: DS300014 SIGNAL POWER OUTPUT.JPG

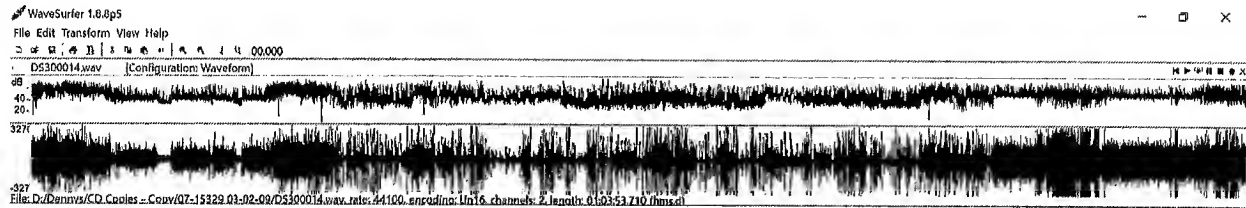
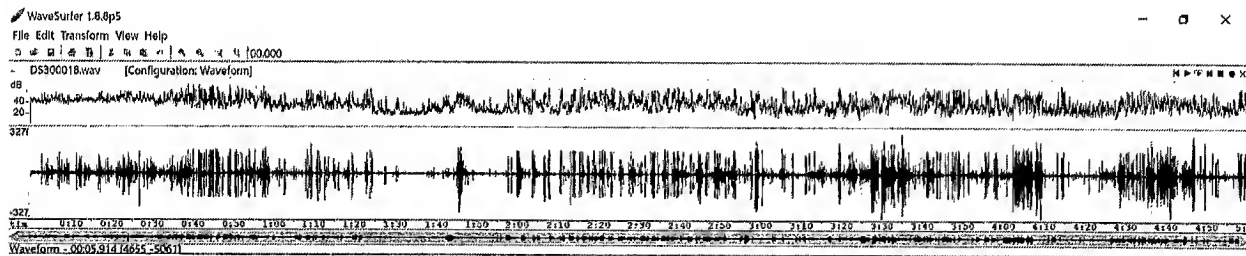


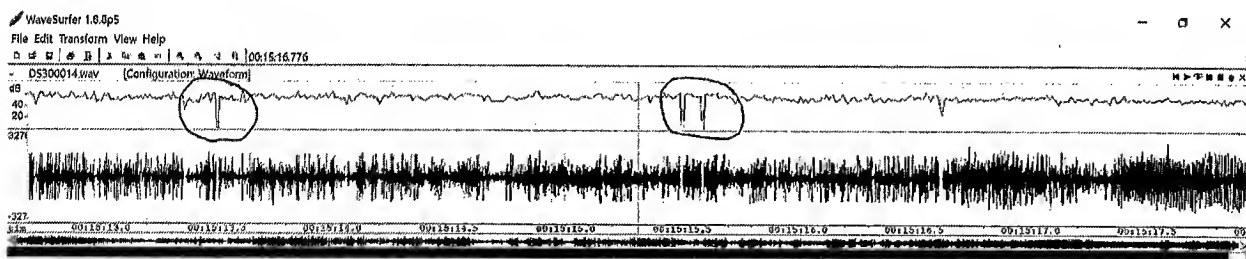
Figure 71: DS300018 SIGNAL POWER OUTPUT.JPG



## OBSERVATIONS

- I noted 3 inconsistencies in the continuity of the signal power of the digital audio recording titled "DS300014.WMA". The inconsistencies are noted at timecode "00:15:13.5", "00:15:15.5" and "00:15:15.75". These are displayed in figure 73 below:

Figure 73: DS300014 SIGNAL POWER OUTPUT INCON.JPG



The inconsistencies in the signal power are indicators of a change in the strength of the signal. These changes in the strength of the signal include but are not limited to the following reasons; signal drop out, editing, equipment failure, mechanical failure, compression artifacts, or insertion of silence. Due to the Olympus DS 30 handheld audio recorder having editing capabilities, it is possible that these deviations from the common rule in the signal power are due to editing or manipulation of the recording titled "DS300014.WMA".

- I noted no inconsistencies in the digital audio recording titled "DS300018.WMA".

---

## CRITICAL LISTENING

---

### METHODOLOGY

#### SWGDE Best Practices for Digital Audio Authentication (2018)

##### 4.3 Critical Listening

Critical aural review of the submitted recording, without applying any processing, can yield information regarding areas to direct subsequent analyses. In addition to a preliminary overview, attention must be paid to voices, acoustic events, background noise changes, uncharacteristic noises that may indicate equipment malfunction and possible record and edit events, and any other areas of specific interest. To focus attention on each of these factors individually will require repeated playback [7]. Repeated aural review of the unprocessed and processed versions of the submitted recording may be necessary throughout the examination.

---

### OBSERVATIONS

I began my investigation by critically listening to the digital audio recordings titled "DS300014.WMA" and "DS300018.WMA". I noted that the recording titled "DS300014.WMA" contained strong digital interference sounds. Based on my experience of listening to hundreds of hours of audio recordings, these sounds are due to one or more of the following reasons:

1. RF (radio frequency) or WF (wireless frequency) interference. It is also possible that the
2. The Olympus DS 30 recording equipment was using an external microphone connected to the internal input with a faulted connection.
3. The Olympus DS 30 microphone experienced equipment failure
4. The Olympus DS 30 external experienced microphone equipment failure

---

### OPINIONS

Based on the critical listening analysis, I detected severe interference due to an external noise source. Based on my experience, the signal to noise ratio is much lower than overhear or criminal informant recordings. This is most likely due to failure of equipment and the lack of knowledge or training on how to maintain the equipment for accurate recording of conversation.

## OPINIONS

My opinions are based on a reasonable degree of scientific certainty and are outlined below:

1. Based on my training and experience, the acceptable best practices set forth by SWGDE (Scientific Working Group on Digital Evidence) and (SWGIT) Scientific Working Group on Imaging Technology require digital verification testing to perform the authentication of digital audio recordings with 100% accuracy. I provided a document that outlined this request and it is my opinion that I was not provided original recordings in relation to the Wire Tap Room and Denny's recordings. Based on a reasonable degree of scientific certainty, it is my opinion that 10 of the 42 compact discs that purported to contain evidence recordings of phone calls, text messages and voice mails were mishandled, manipulated or damaged from the time they were created to the time I performed my site inspection. Furthermore, I cannot authenticate the chain of custody for the Denny's recordings nor can I complete authentication testing in accordance with the best practices set forth by SWGDE and SWGIT.
2. Due to the compact disc storage format of the recordings titled "DS300014.WMA" and "DS300018.WMA" it is possible that the meta data and digital information was mishandled, altered or removed when using the compact disc authoring application. Based on my experience, handheld digital recorders like the Olympus DS 30 have the ability to change date/time information which can misrepresent the timeline of events as they occurred. Without the original digital recordings that were created on the Olympus DS 30 recorder, I cannot verify the digital authenticity of the recordings titled "DS300014.WMA" and "DS300018.WMA" or the digital chain of custody thereof.
3. Based on the observations from the digital information analysis, the metadata contained within recordings titled "DS300014.WMA" and "DS300018.WMA" may have been altered throughout the digital handling and copying of the files. Furthermore, the person(s) handling the files titled "DS300014.WMA" and "DS300018.WMA" had the ability to split the recordings and rejoin them in a nonlinear manner.
4. I noted 3 inconsistencies in the continuity of the signal power of the digital audio recording titled "DS300014.WMA". The inconsistencies are noted at timecode "00:15:13.5", "00:15:15.5" and "00:15:15.75". The inconsistencies in the signal power are indicators of a change in the strength of the signal. These changes in the strength of the signal include but are not limited to the following reasons; signal drop out, editing, equipment failure, mechanical failure, compression artifacts, or insertion of silence. Due to the Olympus DS 30 handheld audio recorder having editing capabilities, it is possible that these deviations from the common rule in the signal power are due to editing or manipulation of the recording titled "DS300014.WMA".
5. Based on the critical listening analysis, I detected severe interference due to an external noise source. Based on my experience, the signal to noise ratio is much lower than overhear or criminal informant recordings. This is most likely due to failure of equipment and the lack of knowledge or training on how to maintain the equipment for accurate recording of conversation.



## CONCLUSION

I have performed the forensic authentication of digital audio recordings investigation in accordance with the best practices set forth by the scientific community. It is my opinion that the wire tap room recordings were mishandled and are not an authentic representation of the events as they occurred. It is also my opinion that the Denny's recordings display inconsistencies with what I would expect to see from an original recording created on the Olympus DS 30 recorder. Without the wiretap room or Denny's storage medium and/or devices, the authentication analysis cannot be performed with 100% accuracy.

I reserve the right to amend my conclusions and opinions as additional materials are provided in conjunction with future oral testimony.

Respectfully submitted,

Michael A. Primeau, BSAET, FVT

PRIMEAU FORENSICS, LTD.



Lee McCord  
McCord & Associates

### Over 40 years of experience

Lee McCord is a trained and licensed (by examination) Polygraph Examiner since 1974 and has worked throughout the mid-west and east coast administering polygraph examination for the government and private sector.

Known for his ability in the field of polygraph, Lee is regularly sought after to lend his expertise in screening applicants for employment in government and the public sector, ongoing employment investigations, domestic testing, sexual offense testing, and other criminal investigations.

Past experience includes training and daily supervision of up to five polygraph examiners working throughout the mid-west and east coast while serving as Regional V.P. of a national polygraph firm.

Lee is a 1974 graduate of Savannah State University, member of the Illinois Polygraph Society and owner of McCord and Associates in Chicago, IL.

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SUMMARY OF EXAMINATIONRESULTS AND OPINIONS

On March 8, 2017, Larry Merar voluntarily submitted to a polygraph examination administered by McCord and Associates to determine if he received a phone call from his daughter, Marni Yang telling him that she going to falsely confess to the killing of Rhoni Reuter. He was also questioned about being told by Marni that a warrant was being issued for her son, Andrew

Prior to the examination, the subject signed a form releasing Tammy Koelling of any liability which may result from the polygraph examination. The polygraph release form signed by the subject is on file in our office.

During the pre-test interview the subject related the following information: The subject stated that he received a telephone call from Marni telling him that she was going to falsely confess to the killing of Rhoni Reuter to prevent her son, Andrew from being charged with the crime. He also stated that Marni told him that a judge had issued a warrant for Andrew's arrest.

During the polygraph examination, the subject was asked the following relevant questions:

1. Did you receive a phone call from Marni stating that she was going to make a false confession to the killing of Rhoni?

ANSWER - YES

2. Did Marni tell you that she was going to lie to protect Andrew from being charged with the crime?

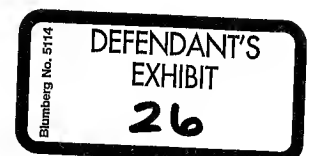
ANSWER - YES

3. Did Marni tell you that a judge had issued a warrant for Andrew's arrest?

ANSWER - YES

CONCLUSION: In the opinion of the examiner, based solely on the subject's polygraph test, the subject told the truth to all of the relevant questions asked on the test.

Lee McCord  
Polygraph Examiner



IN THE CIRCUIT COURT OF THE NINETEENTH JUDICIAL CIRCUIT  
LAKE COUNTY, ILLINOIS

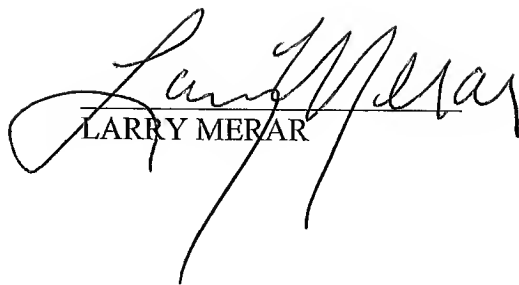
PEOPLE OF THE STATE OF ILINOIS,	)	
	)	
Plaintiff,	)	
	)	
v.	)	No. 09 CF 926
	)	
MARNI YANG,	)	
	)	
Defendant,	)	

**AFFIDAVIT OF LARRY MERAR**

LARRY MERAR, being first duly sworn, states under oath and subject to the penalty for perjury, as follows:

1. I am the father of Marni Yang.
2. My wife and I were attending an opera in Chicago. I received a cell phone call from my daughter.
3. Marni told me that she had heard from her friend, Christi Paschen, that the state was going to arrest my grandson, Andrew Yang, for the murder of Rhoni Reuter.
4. Marni was upset and worried about her son's imminent arrest.
5. She told me that she was going to meet with Christi and make up a story that she (Marni) shot Ms. Reuter. She told me it was a false statement but it would protect Andrew.
6. I told her not to do it. I urged her to wait until Monday morning and discuss this with Jeff Lerner and Bill Hedrick, her lawyers.
7. She insisted, contrary to my advice, that she would make up a statement with Christi.
8. I know that our conversation occurred. I know that Marni's phones were subject to overhear orders. Yet the above conversation, though recorded, was not produced or provided to the defense.

9. Further affiant sayeth not.

  
LARRY MERAR

IN THE CIRCUIT COURT OF THE NINETEENTH JUDICIAL CIRCUIT  
LAKE COUNTY, ILLINOIS

PEOPLE OF THE STATE OF ILLINOIS,	)	
	)	
Plaintiff,	)	
	)	
v.	)	No. 09 CF 926
	)	
MARNI YANG,	)	
	)	
Defendant,	)	

**AFFIDAVIT OF FRANCINE MERAR**

FRANCINE MERAR, being first duly sworn, states under oath and subject to the penalty for perjury, as follows:

1. I am the mother of Marni Yang.
2. I received a cell phone call from my daughter.
3. Marni told me that she had heard from her friend, Christi Paschen, that the state was going to arrest my grandson, Andrew Yang, for the murder of Rhoni Reuter.
4. Marni was upset and worried about her son's imminent arrest.
5. She told me that she was going to meet with Christi and make up a story that she (Marni) shot Ms. Reuter. She told me it was a false statement but it would protect Andrew.
6. I know that our conversation occurred. I know that Marni's phones were subject to overhear orders. Yet the above conversation, though recorded, was not produced or provided to the defense.
7. Further affiant sayeth not.

  
FRANCINE MERAR

**MARNI'S COMMUNICATIONS WITH LARRY: 2-28-09 through 3-2-09**

DATE	TIME	FROM	TO	PHONE RECORD 1	PHONE RECORD 2	WIREROOM LOG#	CALL LENGTH	LOG LENGTH	TIME DIFFERENCE	RECORDING LENGTH	TIME DIFFERENCE
2/28	6:16 pm	Marni 2445	Larry 1091	M=Yes	L=?	179	1 min	.34	.26	.58	.24
2/28	6:16 pm	Marni 2445	Larry 3110	M=Yes	L=No	180	1 min	.33	.27	.28	.05
2/28	6:17 pm	Marni 2445	Larry 3110	M=Yes	L=Yes	181/182	1 min	.13/.14	.47/.46	.25	.12
2/28	6:18 pm	Marni 2445	Larry 3110	M=Yes	L=No	183	1 min	.30	.30	.05	.25
2/28	6:22 pm	Marni 2445	Larry 3110	M=Yes	L=No	192	1 min	.29	.31	.20	.09
2/28	6:58 pm	Marni 2445	Larry 3110	M=Yes	L=No	198	1 min	.32	.28	.22	.10
2/28	6:59 pm	Marni 2445	Larry 1091	M=Yes	L=?	199	1 min	.33	.27	.27	.06
2/28	7:00 pm	Marni 2445	Larry 3110	M=Yes	L=No	200	1 min	.28	.32	.21	.07
2/28	7:02 pm	Marni 2445	Larry 3110	M=Yes	L=No	203	1 min	.36	.24	.27	.09
2/28	7:16 pm	Marni 2445	Larry 3110	M=Yes	L=Yes	208	27 mins	26:47	.13	26:39	.08
2/28	9:18 pm	Larry 3110	Marni 2445	M=Yes	L=Yes	209/210	5 mins	4:47/4:46	.13	4:42	.05
2/28	10:26 pm	Larry 3110	Marni 2445	M=Yes	L=Yes	213/214	68 mins	67.13	.47	67.08	.05
2/28	11:41 pm	Marni 2445	Larry 3110	M=Yes	L=Yes	217	5 mins	4:08	.52	4:01	.07
3/1	3:38 pm	Larry 3110	Marni 2445	M=Yes	L=Yes	238/239	18 mins	17:34/17:35	.26/.25	17.30	.04
3/2	9:57 pm Central Time	Larry 3110	Marni 2445	M=Yes 9:57 pm	L=Yes 7:57 pm	273/274	9 mins	8:33/8:32	.27/.28	8.29	.04

# MARNI'S COMMUNICATIONS WITH FRANCINE: 2-28-09 through 3-2-09

DATE	TIME	FROM	TO	PHONE RECORD 1	PHONE RECORD 2	WIREROOM LOG#	CALL LENGTH	LOG LENGTH	TIME DIFFERENCE	RECORDING LENGTH	TIME DIFFERENCE
2/28	7:00 pm	Marni 2445	Francine 0402	M=Yes	F=No	201	1 min	.39	.21	.29	.10
2/28	7:01 pm	Marni	Francine 1277	M=Yes	F=?	202	1 min	.29	.31	.23	.06
2/28	7:03 pm	Marni 2445	Francine 0402	M=Yes	F=No	204	1 min	.45	.15	.35	.10
2/28	7:04 pm	Francine 0402	Marni 2445	M=Yes	F=Yes	205/206	5 mins	4:09/4:09	.91	4.04	.05
2/28	9:26 pm	Francine 0402	Marni 2445	M=Yes	F=Yes	211/212	5 mins	2.06	3.54	3.59	1.53
2/28	11:41 pm	Francine 0402	Marni 2445	M=Yes	F=Yes	215/216	1 min	.30/.29	.30/.31	.25	.05
3/01	7:58 pm	Francine 1277	Marni 2445	M=Yes	F=?	240/241	16 mins	15:36/15:33	.24/.27	15.31	.05



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 07-15329	Reporting Date: 10/08/07	Reporting Officer: Detective Wendell D. Russell	
Subject of Case: Death Investigation	Typed By: Sue Lesnak	Date: 10/16/07	Lead No. 49

On the above date this reporting investigator was given Lead #49. The subject of that lead was to talk with ~~Carole KAGAN~~. I then talked with her via telephone and she advised me of the following.

Kagan said on Sunday, 09/30/07, between 9:15PM and 9:20PM, as she was talking a walk through the neighborhood of Elm Street, she noticed there was a male subject in the area. She further stated the male subject was in his older teens, probably 20ish. He was a young man with curly longer black hair. She said he looked possibly Puerto Rican. She noticed he was wearing a gray hooded-type sweatshirt with mirror sunglasses. I asked her what color pants he was wearing and she said he was wearing dark pants. I asked exactly where he was and Kagan said he was on the edge of the parking lot by the victim's residence.

Kagan said when she looked at the subject in the face, he looked at her and he then started to run in a westerly direction. She did not know where he ran to.

I asked Kagan if there was any further description she could give of the male subject. I asked if the subject was a M/W or ☐ She said he looked more Hispanic.

I asked her if Kagan currently lived in the neighborhood and if she was interviewed by other officers. Kagan said she was not and she did not live in the neighborhood, she lived on Sunset Court. I then ended my conversation with her.

This lead is closed with no further police action needed.

End of Report.  
/sueL

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No.	Reporting Date:	Reporting Officer:	
15328	12-17-07	Schletz # 2111	
Subject of Case:	Typed By:	Date:	Lead No.
Death Investigation	Schletz # 2111	12-17-07	49

The focus of this lead is Carole Kagan. Mrs. Kagan had reported seeing a suspicious subject in the area of Rhoni Reuter's residence on 09-30-07. Inv. Russell interviewed her on 10-08-07, see his report. On 12-17-07 at 1545 Hrs., Team Leader Anderson and I met with Mrs. Kagan at her residence in an attempt to identify the suspicious subject. I first read Mrs. Kagan the photo lineup advisement and then showed her two photo lineups in succession. One of the lineups included a photo of Andrew Yang, (lead # 66) and the other included a photo of Robert Brooks, (lead # 82). Mrs. Kagan viewed the lineups separately. Mrs. Kagan stated that she had a difficult time remembering the subjects face, but stated that she didn't see the subject in either lineup.

Page 1 of 1

Approved By:

RS2092

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000173



Photo Number: 1



Photo Number: 2



Photo Number: 3

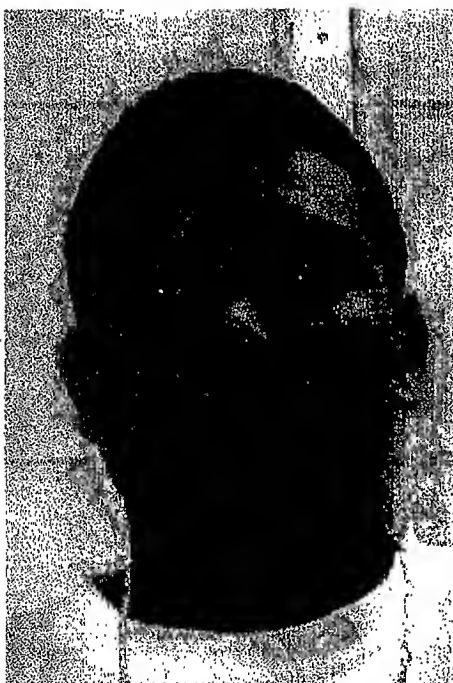


Photo Number: 4



Photo Number: 5



Photo Number: 6

IN ACCORDANCE WITH CHAPTER 725 ILCS, SECTION 5/107A5, YOU SHOULD KNOW THE FOLLOWING FACTS. YOU ARE BEING ASKED TO LOOK AT A GROUP OF PHOTOGRAPHS. THE FACT THAT THE PHOTOGRAPHS ARE SHOWN TO YOU SHOULD NOT INFLUENCE YOUR JUDGMENT. YOU SHOULD NOT CONCLUDE OR GUESS THAT THE PHOTOGRAPHS CONTAIN THE PICTURE OF THE PERSON THAT COMMITTED THE CRIME, AND YOU ARE NOT OBLIGATED TO IDENTIFY ANYONE. YOU SHOULD NOT ASSUME THE OFFICER ADMINISTERING THIS PHOTO LINE UP OR SPREAD KNOWS WHICH PERSON IS THE SUSPECT IN THE CASE. PLEASE DO NOT DISCUSS THE CASE WITH OTHER WITNESSES, NOR INDICATE IN ANY WAY THAT YOU HAVE IDENTIFIED SOMEONE.

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TIME VIEWED

001655

Case Number: \_\_\_\_\_

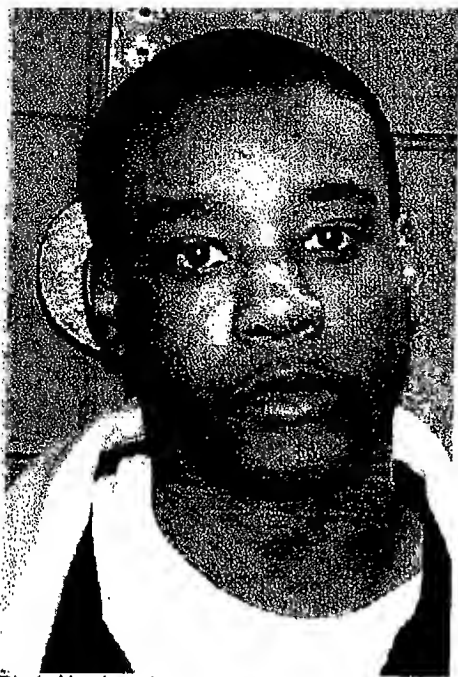


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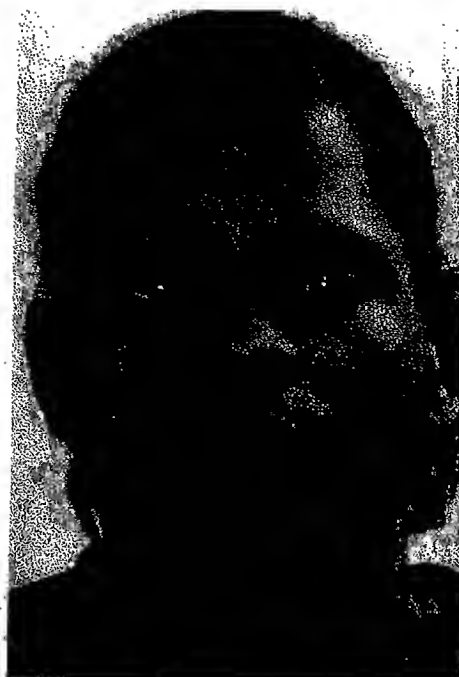


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Photo Number: 3



Photo Number: 4

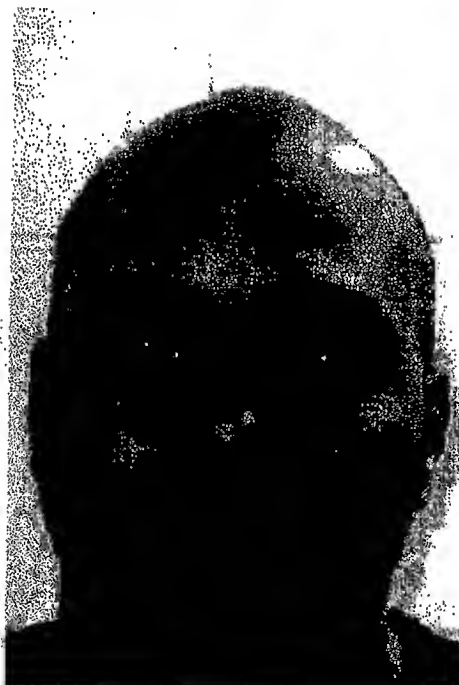


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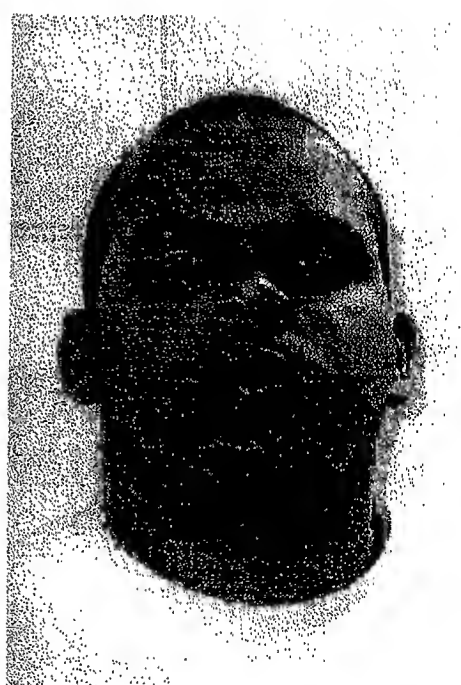


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Case Number: \_\_\_\_\_

001656

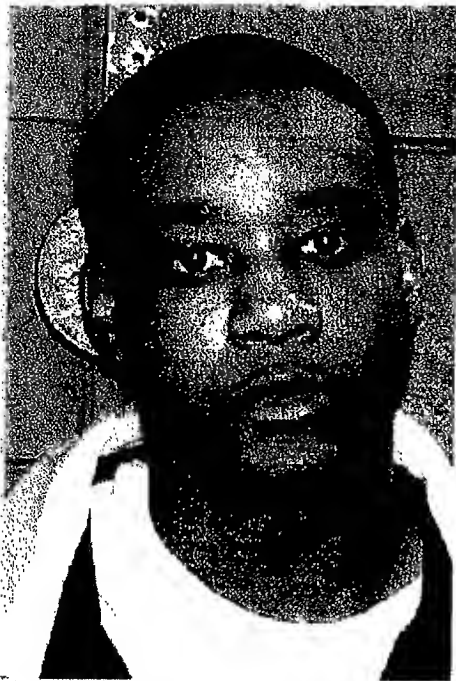


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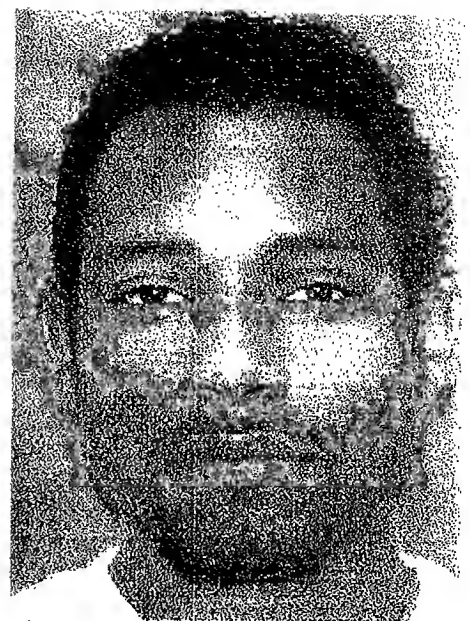


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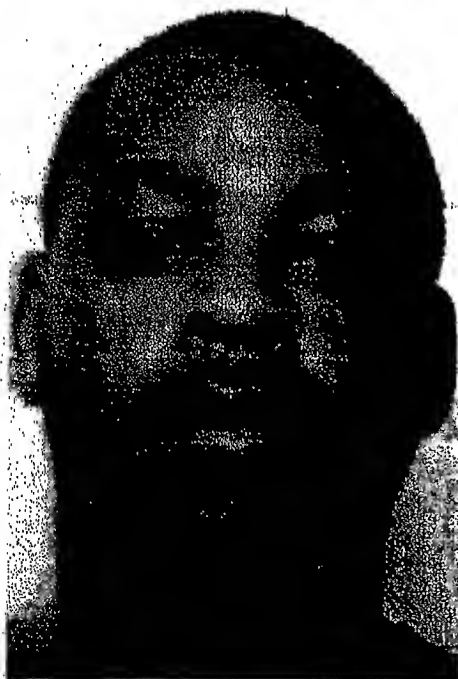


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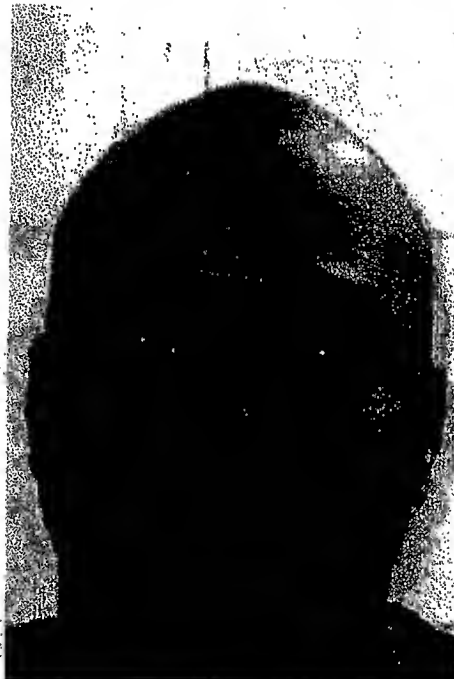


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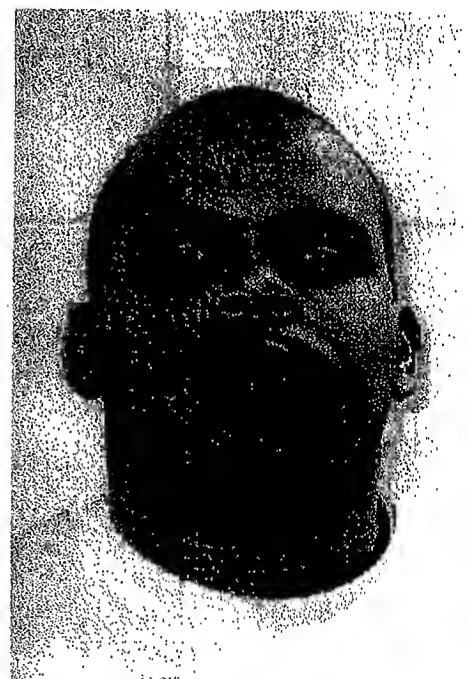


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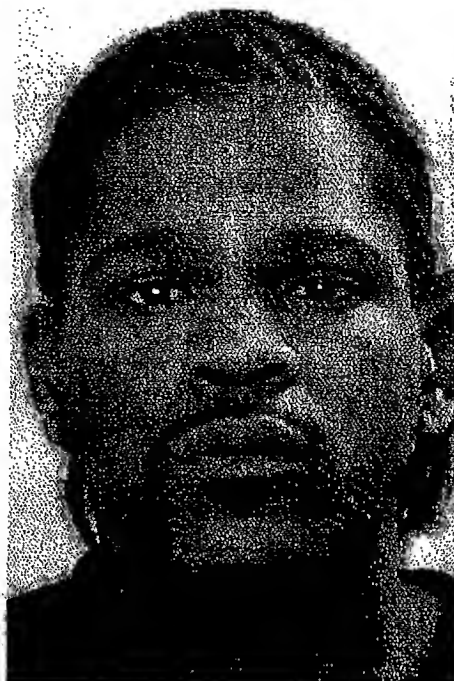
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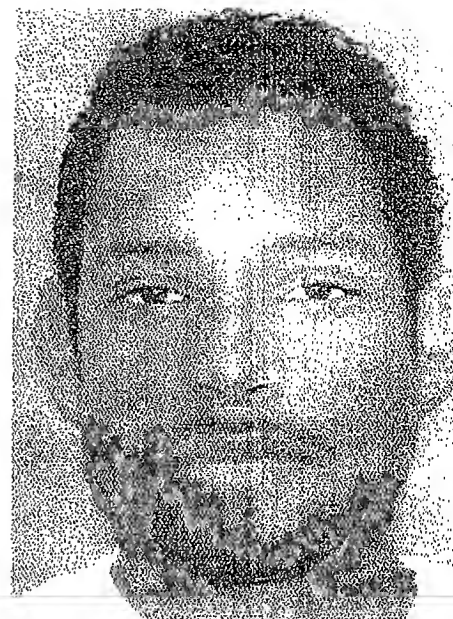




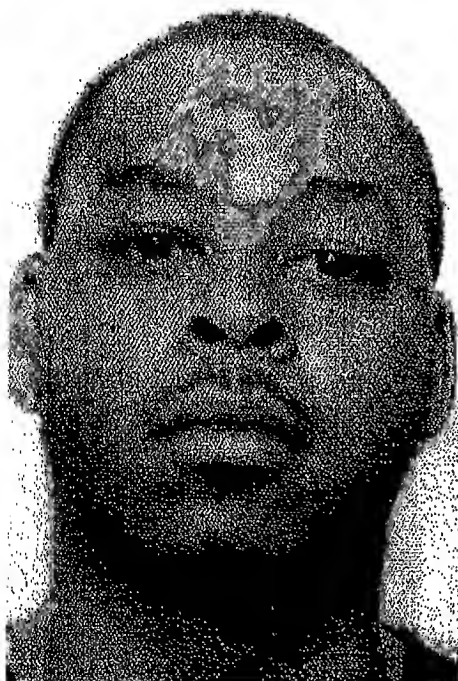
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Photo No.: 1



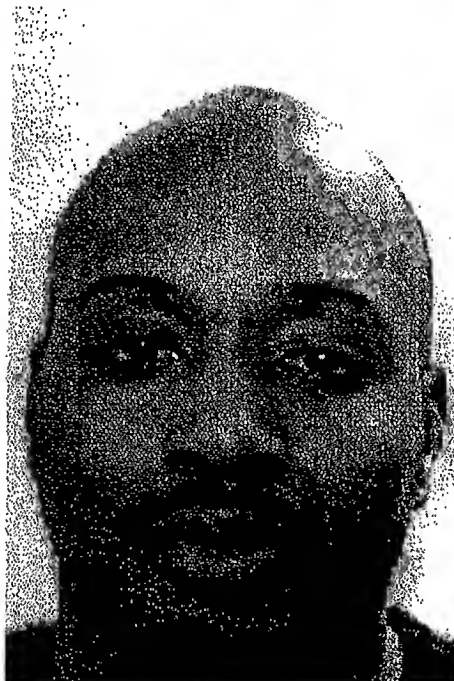
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Davis, Markel, L  
Type: Adult  
Photo No.: 2



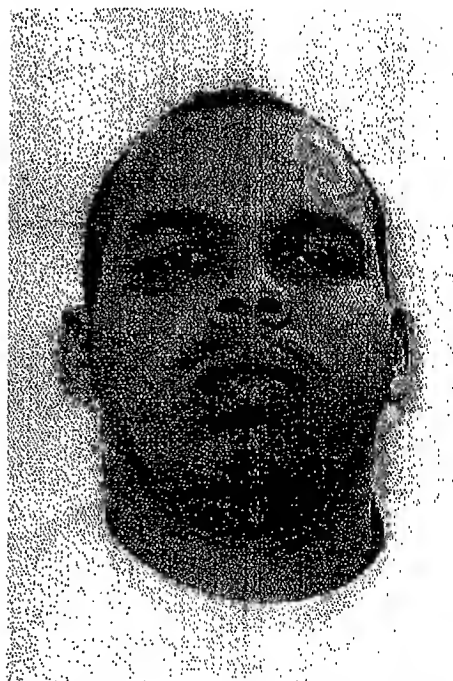
Subject # 60791  
Brooks, Robert, W  
Type: Adult  
Photo No.: 3



Subject # 37806  
Wroten, Michael, J  
Type: Adult  
Photo No.: 4



Subject # 29031  
Edwards, Fonocerio, Dante  
Type: Adult  
Photo No.: 5



Subject # 24254  
Junior, Scott, Charles  
Type: Adult  
Photo No.: 6

001658

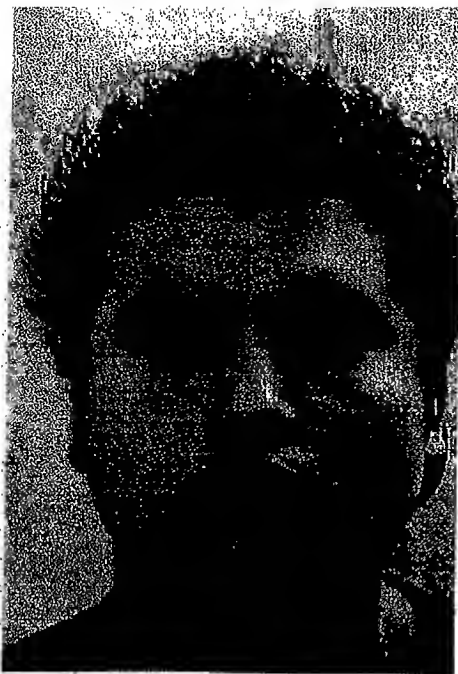


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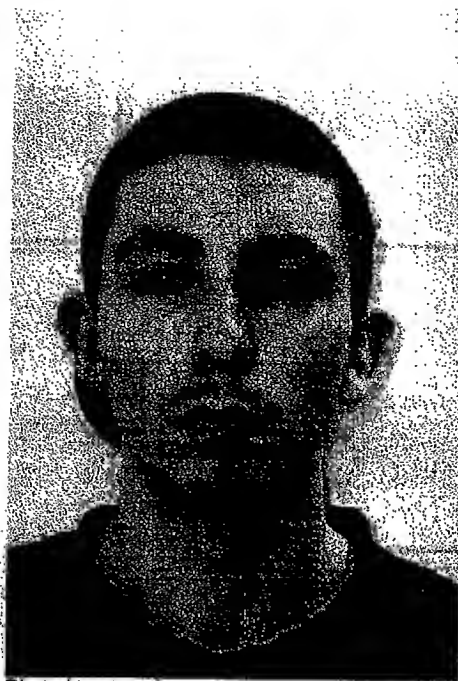


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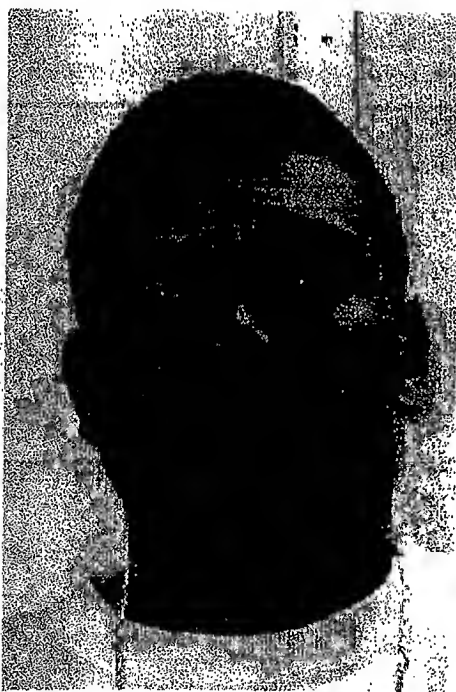


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Photo Number: 5



Photo Number: 6

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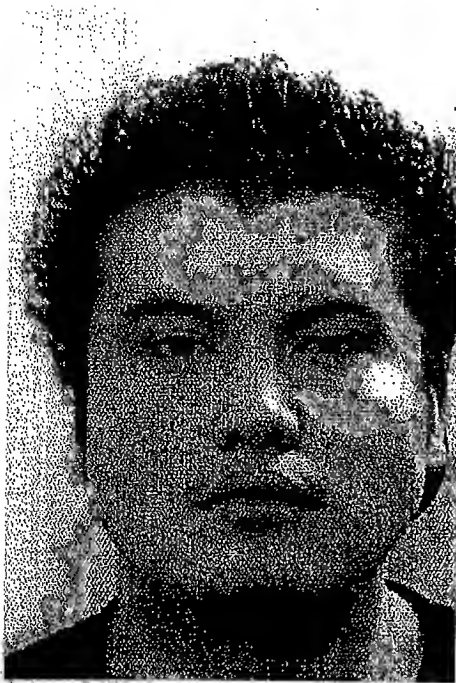
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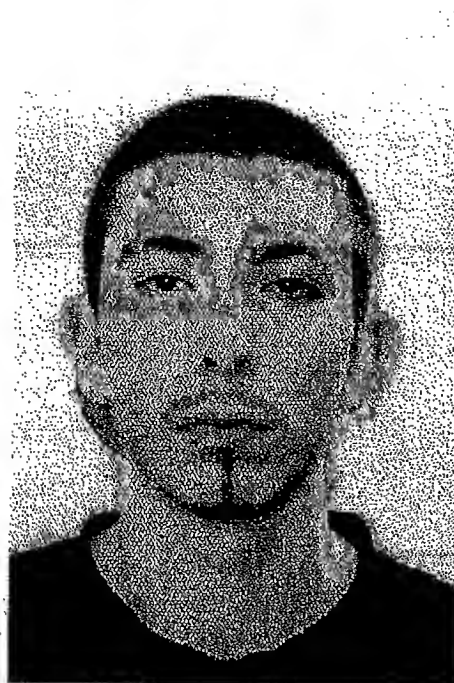
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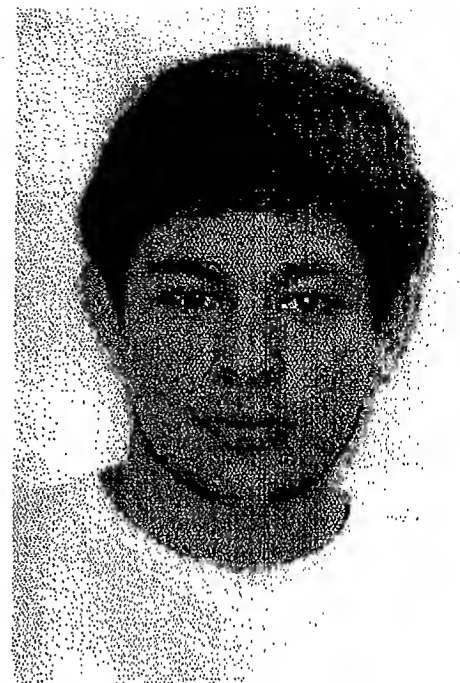
001659



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Ramirez, Abisai  
Type: Adult  
Photo No.: 1



Subject # 14202  
Mendez-Trujillo, Erick, Daniel  
Type: Adult  
Photo No.: 2



Subject # 50782  
Luna-Fonseca, Juan, Carlos  
Type: Adult  
Photo No.: 3



Subject # 2524  
Roque, Joaquin, A  
Type: Adult  
Photo No.: 4



Subject # 5486  
Yang, Andrew  
Type: Juvenile  
Photo No.: 5



Subject # 56784  
Hernandez, Jose, JR  
Type: Adult  
Photo No.: 6

001660



This statement of Andrew Yang was taken at 6:29 pm on January 24, 2019 by Steve LaPino of MSI Detective Services at 2406 West Fullerton Chicago, Ill

What is your name? Andrew Yang

Who is your mother? Marni Yang

On the morning of October 7, 2004, where were you? Home

Where was your mother in the morning? Home

On that day, you stayed home from school that day. Is there a reason why? I was sick.

Did your Mother come check on you while you were sick? Yes, she always does.

Later that day, did your mother buy you cold medicines? Yes.

On that same morning, did your mother inform you that the battery was dead on her car and she needed your help to change it? Yes

And did Sal Devera show up at your residence at approx. 12:00 pm with a new battery for the vehicle? Yes

Did your mother ever leave the house at any time prior to Sal bringing the battery to the home? No

After the battery was installed, did your mother then leave to run some errands and get your cold medicine? Yes

What time was it when your mother checked in on you? In the morning and then the afternoon.

Your mother calls you from the garage. Not from her cell but from the phone that she took away from Emily because of bad grades. You didn't respond. Why? I didn't recognize the number.

Did you help your mother install the battery? Yes.

Did you ever have any indication that your mother was involved with the murder of Rhoni Reuter? No

**Have you ever seen your mother exhibit any type of behavior that would lead you to believe that she could commit a murder?** No

**Did the police ever read your rights?** No

**In your own words, tell us about your interactions with the police when they picked you up.** The 1st time is when they came to the house to execute the search warrant. I never saw the search warrant. They separated me from my brother and sister. They wouldn't tell me where I was going and they wouldn't tell me. I asked if I was being arrested and they told me no. I kept requesting a lawyer and they kept saying that I didn't need one because I was not in trouble but it didn't feel that way. Another time at school, I had 8<sup>th</sup> Period lunch and I would get out of school at about 1:30 pm. As soon as I stepped out of school, a friend told that there were two plain clothed police officers walking around the school asking students if they knew me and was showing everyone a picture of me. I couldn't believe what I was hearing. I was doing everything right in my life. Then the two officers called out my name from a group. They asked if I remembered them. They said they wanted to take me for a ride around the block and clear up some questions from the last time they saw me. After they began to drive away, I asked why we weren't driving around the block and they didn't say anything. They weren't explaining anything. It was Detective Frost.

**Tell us about the 1<sup>st</sup> time they came to your home.** I didn't know how they got into the house because I was sleeping downstairs and the house was full of officers so I went upstairs. This was at 6:00 am and with no exaggeration, there were 30 police officers walking around in my home.

**How did they treat your home?** They told us to come outside with them for them to finish their search and as we walked past the officers at the front door, I politely asked them not to make a big mess and one of the officers said not to worry about it and then maliciously stomped his foot into the floor and made a hole in the floor with his foot.

**After showing a picture of George Fllenko, do you recognize him?** Yes I do. They were using the good cop/bad cop on me. He got in my face and told me that it was going to be me or my mother for the murder, one way or another. He got frustrated and yelled. He also told me one of you is going to prison for the rest of your life.

**Did they separate you from your siblings?** Yes. The one day we didn't get home until 9:00 pm.

**At any time were you suicidal and placed in a mental health institution?** Yes.

This was a direct result from the tactics that the police used on me. They broke me down, mentally. They got me believing my truth was a lie. While being interrogated, they weren't getting the answers they wanted and I fell asleep on a couch. I'm pretty sure the door was locked. The phone that was in the room did not have a dial tone. They woke me up and moved me to another room to begin the questioning again. I felt intimidated and threatened. I was afraid. During the interrogation, Filenko was in my face and was angry and would yell at me. The police knew I was at home the day of the murder and they kept picking on me and I just determined I had to tell them what they wanted to hear so they would leave me alone. I wanted anything more than to get out of that situation and leave the police department. I'm just going to agree with their version of the truth and turn on my mother, even though I know it's a lie because I have no other option. I was being threatened by the police that they were going to take me to prison for the rest of my life. I was scared that the last place I would ever see was their police interrogation room and the next stop was jail.

**Did you feel like you could get up and leave at any time?** No. I felt like I was in custody.

**Some items were stolen from your home around May 2007.** A play station, an underwater camera, and a gun. My mom was really upset. She blamed us and her friends. But she allowed our friends, and there were lots of them, to visit and hang out at our house. She called a family meeting to discuss the things that were stolen. Sal was at the family meeting but didn't want to bring it up because of Sal's temper and she knew he would blow up.

**After the murder, how did you feel?** I felt like it broke our family apart. We were under siege.

Was it a common practice for everyone in your family to text each other even when you all were in the same home? Yes. We had different areas. Mom would be all the way upstairs, Brandon would be on the main floor, and me and my sister would be in the basement where our den and bedrooms were.

I, Andrew Yang, have made the statements in this interview to Steve LaPino. None of the above statements have been adjusted, changed, or altered.

Andrew Yang

Print Name

Andrew Yang

Sign Name

Steve LaPino

Steve LaPino

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No.	Reporting Date:	Reporting Officer:		
07-15329	01-05-07	James		
Subject of Case:	Typed By:	Date:	Lead No.	
Homicide	James	01-07-07	135	

The focus of Lead #135 is the interview of DELGADO, Jessie M/W 10-07-89 2550 Bryn Mawr Chicago, IL TX/773-681-0071 cellular TX/773-614-9070. The following is not verbatim or in its entirety.

On 01-05-07 I spoke with Jessie with regards to any information or statements that Andrew Yang may have told him. When asked if he had spoken to Andrew lately, Jessie replied that he spoke with Andrew earlier today (approximately 0030hrs). When asked what they talked about, Jessie related that he called Andrew after speaking with me out of concern. Jessie further related that all Andrew told him was to tell them everything I told you that day. When asked what conversation they had and what day Andrew was talking about, Jessie related that the conversation was concerning his mother (Marni Yang, Shaun Gayle and that pregnant lady who was killed) and that Andrew would have to talk to the cop's cause of his mom. The conversation took place a few days after the incident; Jessie was unclear on the exact date.

When asked if he ever knew Andrew's mother (Marni) to ever own a gun, Jessie replied, No. When asked if he had seen Sal's gun (Sal De Vera, Marni's boyfriend), Jessie replied, Yes, and described it as being black unknown caliber and carried in a black holster.

When asked if he ever saw any costumes (Halloween) or wigs/disguises, Jessie related, No, but that Andrew does possess a black ski mask (possibly made of neoprene) that covers the lower part of the face and is connected by Velcro around the backside of the neck.

This concludes the interview of Jessie Delgado.

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Page 1 of 1

Approved By: DS

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

30

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No.	Reporting Date:	Reporting Officer:		
07-15329	1/07/08	du Chemin #2150		
Subject of Case:	Typed By:	Date:	Lead No.	
Homicide Investigation	du Chemin #2150	1/7/08	136	

In summary on 1/5/08 at 1040hrs, I (Detective du Chemin) followed up with lead #136, Rodolfo Betancourt Jr. M/H 3/13/90, 3143 W. Eastwood Ave., Chicago, IL. 60606, phone #(773)679-0156. I spoke with Rodolfo with Detective James in our vehicle at the corner of Mernard and Wrightwood in Chicago.

Rodolfo advised me that he received a phone call from Andrew Yang around midnight after Andrew was released from the Police station on 1/4/08 into 1/5/08. Rodolfo stated that Andrew told him the Police were going to be talking to him and that he should tell them the truth.

I asked Rodolfo what Andrew had disclosed to him and he stated that he did not remember. Rodolfo advised that Andrew had told him that his mom knew Shawn Gayle and that Shawn's girlfriend had been murdered. Rodolfo could not give me any further information on what Andrew had told him. Rodolfo stated that he thought he told him this one night while they were smoking weed. Rodolfo stated that he believed it was Thanksgiving night that this conversation took place.

I asked Rodolfo if he had ever met Andrew's mother and he advised that he did and thought that she was kind of weird. Rodolfo stated that she did not know how to be a mother and that she would never come check and see what they were doing when they were at Andrew's house and that she was never home.

Rodolfo stated that Andrew had told him that that his mother had a gun in her bedroom. Rodolfo stated that he thought it was a 9mm but also stated that he has never seen the gun. Rodolfo stated that Andrew's mother worked for the Police Department but did not know in what capacity.

Rodolfo stated that he met Mom's boyfriend Sal once and that he was cool. Rodolfo stated that Sal was a bouncer at a bar. Rodolfo did not know any other information in regards to this case.

COPY 1

Page 1 of 1

Approved By: JS

000406

## Maggie Zimmer

---

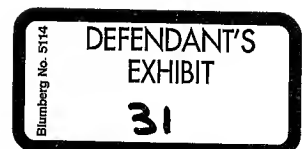
**From:** myst3@comcast.net  
**Sent:** Wednesday, October 03, 2007 9:31 PM  
**To:** Mark Breckan  
**Cc:** Maggie Zimmer; Glenn Kaufman; brianm@1282bbbg.com  
**Subject:** FYI

Hi Everyone,

Just a quick note to let everyone know that I will be unable to be in the office in the morning due to some unexpected car trouble. I will try to get it repaired early and make in. Otherwise I will be working out of the home office tomorrow.

Thanks,  
Marni

12/11/2007



MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="NextPart\_Webmail\_9m3u9jl4l\_25918\_1191465067\_0"  
X-RCPT-TO: <maggiez@1282bbbg.com>  
Status: U  
X-UIDL: 471305350  
X-IMail-ThreadID: 50a901400000d899

bill@TOHTZ.COM

---

**From:** myst3@comcast.net [mailto:myst3@comcast.net]  
**Sent:** Wednesday, October 03, 2007 9:31 PM  
**To:** Mark Breckan  
**Cc:** Maggie Zimmer; Glenn Kaufman; brianm@1282bbbg.com  
**Subject:** FYI

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Thanks,  
Marni

TO I.C.E.  
1-9-08

<https://mail.vnlz.cro/servlet/webacc/rmlukfxf1mldif8Pi4/GWAP/HREF/?action=Attach> 12/13/2007

DATE, TIME	01/09 13:21
FAX NO./NAME	16305742892
DURATION	00:00:19
PAGE(S)	02
RESULT	OK
MODE	STANDARD
	ECM

TIME : 01/09/2008 13:21  
NAME : LCSD CID  
FAX# : 847-244-5594  
TEL# :  
SER.# : 0000006060304

JOB STATUS REPORT

870308

Hi Scott,

Just received this from our computer guru.

Let me know if you need anything else.

Thank you.  
Maggie

---

**From:** Bill Tohtz [mailto:bill@tohtz.com]  
**Sent:** Thursday, December 13, 2007 1:09 PM  
**To:** Maggie Zimmer  
**Subject:** Fw: FYI

Timing Information

Email was sent Thu, 04 Oct 2007 02:31:07 +0000 (Universal Time), which is Wednesday October 3rd at 9:31 PM from IP 71.239.78.215.

It was routed thru Comcast's mail system from server rmailcenter74.comcast.net (204.127.197.156) to another Comcast server rwcrmhc15.comcast.net (204.127.192.85) at 4 Oct 2007 02:32:09 +0000 (Universal Time), which is Wednesday October 3rd at 9:32 PM.

It was then forwarded to my server tohtz-server.TohtzConsulting.bz, which is mail.tohtz.com (74.0.143.133) on Wed, 03 Oct 2007 21:32:10 -0500 (Central Time - Daylight Saving) which was Wed, 03 Oct 2007 9:32:10 PM.

Let me know if you need more.

----- Original Message -----

**From:** Maggie Zimmer  
**To:** BILL@TOHTZ.COM  
**Sent:** Wednesday, December 12, 2007 1:41 PM  
**Subject:** FW: FYI

Received: from rwcrmhc15.comcast.net [204.127.192.85] by tohtz-server.TohtzConsulting.bz with ESMTP

(SMTPD-9.04) id A0AA35858; Wed, 03 Oct 2007 21:32:10 -0500

Received: from rmailcenter74.comcast.net ([204.127.197.156])

by comcast.net (rwcrmhc15) with SMTP

id <20071004023108m1500ifbl4e>; Thu, 4 Oct 2007 02:32:09 +0000

Received: from [71.239.78.215] by rmailcenter74.comcast.net;

Thu, 04 Oct 2007 02:31:07 +0000

From: myst3@comcast.net

To: markb@1282bbbg.com (Mark Breckan)

Cc: maggiez@1282bbbg.com (Maggie Zimmer), glennk@1282bbbg.com (Glenn Kaufman), brianm@1282bbbg.com

Subject: FYI

Date: Thu, 04 Oct 2007 02:31:07 +0000

Message-Id:

<100420070231.25918.4704506B000A89500000653E2207300033CC9B9C9703@comc

X-Mailer: AT&T Message Center Version 1 (Oct 4 2006)

X-Authenticated-Sender: bXlzdDNAY29tY2FzdC5uZXQ=

<https://mail.volz.org/servlet/webacc/rmlukfXf1mldif8Pi4/GWAP/HREF/?action=Attach...>

Blumberg No. 8714

DEFENDANT'S  
EXHIBIT

33

Receipt # 81801673  
Shopper # 16580839

**Reseller:**

Date: 9/24/2007 6:16:09 PM By customer via Online  
Source Code: ???

**Shipping Information**

Marni Yang  
5137 N. Saint Louis Ave.  
Chicago, IL 60625 US  
Daytime Phone: 7734787307  
myst333@juno.com

**Billing Information**

Marni Yang  
5137 N. Saint Louis Ave.  
Chicago, IL 60625 US  
Daytime Phone: 7734787307  
Evening Phone:  
Fax:  
myst333@juno.com

IP: 71.239.78.215::71.239.78.215

**Paid: Credit Card**

Marni K. Yang  
Visa Exp. 3/2011  
4479720043780110

Our Charges will appear on their credit card statement in the name:

"GODADDY.COM"  
Processor: Lile-GD

<u>RowID</u>	<u>Label</u>	<u>Name</u>	<u>Unit</u>	<u>Today's</u>	<u>Extra</u>	<u>Total</u>
			<u>Price</u>	<u>Price Qty</u>	<u>Disc.</u>	<u>Price</u>
0	2302-1	WebSite Tonight Economy - 6 Page Web Site - 1 Month	\$4.99	\$4.99 2	\$0.00	\$9.98
		Length: 1 month(s)	monthly			
		This a service item.				
		<input checked="" type="checkbox"/> Show Item Attributes				

Subtotal: \$9.98  
Shipping & Handling: \$.00  
Tax: \$.00  
Total: \$9.98

Confidential Treatment  
Requested by  
The Go Daddy Group

GDS 000019

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

34

This statement of Emily Yang was taken at 6:02 pm on January 24, 2019 by Steve LaPino of MSI Detective Services at 2406 West Fullerton Chicago, Ill

State Your Name- Emily Yang

What is your Mother's Name? Marni Yang

Going back to the morning of October 4, 2007, do you remember where your mother was? Before I went to school, she was at home. We had an argument that morning.

What was the argument about? Me and swim class and how I was failing because I didn't want to swim.

Did your mother purchase items for you in the hopes that you would start swimming? Yes

What items did she purchase you? She purchased a swim cap so I could get into the pool.

Explain, in your own words, what happened when the Police came to your house with a search warrant. I woke up to police officers yelling "search warrant" while I was sleeping in the basement with my brother and my friend. They told me to get up and come with them. I asked if I could change and they said no. I got upstairs and we were put in a police car. We went to the Round Lake Beach Police Dept. and was there for approx. 12 hours. I felt they were very aggressive and seemed to "push" psychologically and intimidated me. They promised they would find my dad that I haven't seen in 7 years.

The police questioned you in January 2009 about your mother's whereabouts from October of 2007, you were unable to tell them that your mother was home. Why is that? I couldn't remember at the time.

What has helped you know remember where your mother was? I had to look back at my classes at the time and that helped.

After taking a look at the receipt from your mother, the night before the murder, did that help you to remember? Yes. She purchased the items for me and we had the argument the next morning.

About what time in the morning did the argument take place? Before 1<sup>st</sup> period, so 7, 7:30 am.

While at the police station, what happened during questioning? They kept asking the same question. Did I know anything about the murder? They kept asking me the same question over and over again in different ways so I would give them a different answer. It got very frustrating and I wanted them to stop. I began beating my head against a table. They then stopped questioning me. I didn't know how many times I could say "I don't now anything about it" before I could anymore agitated.

You were 16 years old at the time. Did any of your guardians know that you were at the police station? No. I began texting my grandmother to tell her I was with the police.

Were you afraid at any time? Yes

Did you feel that you had to cooperate with the police and had no other options? Yes

Did they ever indicate that you might be in trouble? Not me but my twin brother Andy.

What did the Police say to you about Andrew? They told me that he helped my mom commit this murder.

Did you believe that statement? Not one bit.

So on the day the Police came to your home with a search warrant, you were rudely awaken by male police officers, watched multiple officers go thru and tear up your home, were denied to change your clothes and put on a bra, were brought to a police station in your pajamas with male officers, in a separate room from your brother, and interrogated you until you began to beat your head and then took your cell phone away after realizing you had it on your person. Is this correct? Yes

**And they promised you for participating in their questioning that they would get you in contact with your father?** Yes, they gave the info for my father to Andy

when they picked him weeks later. And that they talked to him and that he missed us. So, I called him and it was a different story.

**What happened when you called him?** He said "Fuck you. Don't ever call here again"

**After the murder, how did you feel?** Me and my mom never really got along but after that, it was over.

I, Emily Yang, have made the statements in this interview to Steve LaPino. None of the above statements have been adjusted, changed, or altered.

Emily Yang

Print Name

Emily Yang

Sign Name

Steve LaPino

Steve LaPino

Pedro R. Alonso  
Von Steuben Metro Science Center  
5039 N. Kimball  
Chicago, IL 60625



The school's Official Web site is:

[www.vonsteuben.org](http://www.vonsteuben.org)

Visit our web address for the school calendar and other information

Progress report printed on White Paper

Marni Yang  
5137 N St Louis Av  
Chicago IL 60625

March 6, 2007


Dear Ms. Yang:

This is a mid-quarter report informing you of Emily's academic progress. This report provides you with the opportunity to see if that progress meets your standards. Teachers were asked to enter codes only if a student was struggling. They were to add other comments only if they wished. At this point in the marking period, there is still time to take action to correct any deficiencies that may result in low grades. We hope that early intervention by you, by the school, and especially by Emily can correct any such deficiencies. If your child is doing well, please encourage her to continue to be successful.

In reviewing this report, please note that teachers were asked to enter letter grades in exceptional cases. Some have elected to enter a letter grade, but the primary purpose of this report is to emphasize the critical comments made by the teachers regarding your daughter's performance in class. If you wish to contact a teacher, especially if a teacher has requested such a conference, please make an appointment with Emily's counselor, Mrs. Gonzalez at (773) 534-5100.

Sincerely,

We now accept Vis

  
Pedro R. Alonso  
Principal

Emily P.E  
First Class

ID# 38812939 Div: 912

Per	Room	Lvl	Title	Teacher	Grade	Description
2	223		P E	Hild		Achieving at or above course standards
3	303		Gen Music	Wallace	A	Achieving at an exceptional level
4	414	R	American Literature	Walson	C	Poor attendance or excessive tardies
5	421	R	Chemistry	Cha	D	In danger of failing
7	217	R	Spanish	Miller	A	Achieving at or above course standards
8	316	R	United States Hist	Mcneal	D	Achieving below potential
9	202	R	Geometry	Gorss	C	Achieving at or above course standards

We Value Our Students

005246

Clifton D. Burgess  
Von Steuben Metro Science Center  
5039 N. Kimball  
Chicago, IL 60625



The school's Official Web site is:

[www.vonsteuben.org](http://www.vonsteuben.org)

Visit our web address for the school calendar and other information

Mami Yang  
5137 N St Louis Av  
Chicago IL 60625

March 8, 2006

Dear Ms. Yang:

This is a mid-quarter report informing you of Emily's academic progress. This report provides you with the opportunity to see if that progress meets your standards. Teachers were asked to enter codes only if a student was struggling. They were to add other comments only if they wished. At this point in the marking period, there is still time to take action to correct any deficiencies that may result in low grades. We hope that early intervention by you, by the school, and especially by Emily can correct any such deficiencies. If your child is doing well, please encourage her to continue to be successful.

In reviewing this report, please note that teachers were asked to enter letter grades in exceptional cases. Some have elected to enter a letter grade, but the primary purpose of this report is to emphasize the critical comments made by the teachers regarding your daughter's performance in class. If you wish to contact a teacher, especially if a teacher has requested such a conference, please make an appointment with Emily's counselor, Mrs. Gonzalez at (773) 634-5100.

Sincerely,

Clifton D. Burgess  
Principal

**Your child has an outstanding debt of \$120.85.**

ID# 38812939 Div: 912

Per	Room	Lvl	Title	Teacher	Grade	Description
2	118	R	Algebra	Edstrom	B	Keep up the good work
3	223		P E And Health	Caraballo	P	Achieving at or above course standards
5	312	R	Biology	Marquez/ch	F	In danger of failing
6	322		Art	Schrempf C	C	Achieving at or above course standards
7	211		Computer Info Tech	Modonald		Achieving at or above course standards
8	316	R	World Studies	Pszczola	P	Achieving at or above course standards
9	418	R	Survey Literature	Flauta/ch	P	Achieving at or above course standards

005245

TouchSafe

We Value Our Students



Pedro R. Alonso  
Von Steuben Metro Science Center  
5039 N. Kimball  
Chicago, IL 60625

912 Yang

Emily



The school's Official Web site is:

[www.vonsteuben.org](http://www.vonsteuben.org)

Visit our web address for the school calendar and other information

Marni Yang  
5137 N St Louis Av  
Chicago IL 60625

December 11, 2006

Dear Ms. Yang:

This is a mid-quarter report informing you of Emily's academic progress. This report provides you with the opportunity to see if that progress meets your standards. Teachers were asked to enter codes only if a student was struggling. They were to add other comments only if they wished. At this point in the marking period, there is still time to take action to correct any deficiencies that may result in low grades. We hope that early intervention by you, by the school, and especially by Emily can correct any such deficiencies. If your child is doing well, please encourage her to continue to be successful.

In reviewing this report, please note that teachers were asked to enter letter grades in exceptional cases. Some have elected to enter a letter grade, but the primary purpose of this report is to emphasize the critical comments made by the teachers regarding your daughter's performance in class. If you wish to contact a teacher, especially if a teacher has requested such a conference, please make an appointment with Emily's counselor, Mrs. Gonzalez at (773) 534-5100.

Sincerely,

We now accept Visa & Mastercard at Von Steuben H.S.

  
Pedro R. Alonso  
Principal

ID# 38812939 Div: 912

Per	Room	Lvl	Title	Teacher	Grade	Description
2	223		P E	Hild	F	In danger of failing
4	414	R	American Literature	Walson	B	A pleasure to have in class
5	421	R	Chemistry	Cha	C	Achieving at or above course standards
6	303		Gen Music	Wallace	B	A pleasure to have in class
7	217	R	Spanish	Miller	A	Achieving at or above course standards
8	316	R	United States Hist	Moneal	B	A pleasure to have in class
9	202	R	Geometry	Gorss	C	Improving since phone call or conference

Parent # 136174

We Value Our Students

005247

TouchSafe

This statement of Brandon Yang was taken at 5:58 pm on January 24, 2019 by Steve LaPino of MSI Detective Services at 2406 West Fullerton Chicago, Ill

State Your Name Brandon Yang

Who is your mother? Marni Yang

Reflect to October 4, 2007. I heard Emily and my mother arguing that morning when I was walking out the door to go to school.

What time did you leave for school? Close to 7:00 am

Explain, in your own words, what happened when the Police came to your house with a search warrant. I heard a lot of pounding on the front door. My brother and sister were asleep in the basement with their friend. I opened the door and the police (approx. 3-4) rushed in and got in my face. They asked if there was an adult home and I checked to see if my mother was home and she was not. I told them there were no adults home and they told me they had a search warrant. They held up a piece of paper and never showed me the document and they said they had the authority to search the home and there was nothing I could do about it. They got my brother, my sister, and their friend from the basement and had them sit on the couch and began questioning us. They allowed us to get dressed and then told us that they were taking us into custody. They separated us on the way there with me and my sister in one car and my brother in the other car. We were separated when we got to the police station. I asked to see my brother and my sister and they brought my sister into the room. We arrived there in the morning and then arrived home at dark. We were there for 12 hours.

Was the door closed during the interview with the police? Yes

Explain how you felt while at the police station. I felt confused and wanted to be with my brother and sister.

Anything else you know about this situation. When they first put my sister and I in the same room, my sister had her phone with her and she contacted our Grandmother and Sal to let them know what was going on, the Police came in and confiscated her phone and the eventually let us go.

I, Brandon Yang, have made the statements in this interview to Steve LaPino.  
None of the above statements have been adjusted, changed, or altered.

Brandon Yang

Print Name

Brandon Yang

Sign Name

Steve LaPino

Steve LaPino

# AT&T SCAMP Query Results

MAR 21 11:06 AM

DEFENDANT'S  
EXHIBIT

37

Case#	Connect Date	Connect Time	Orig Country	Orig Number	Term Country	Term Number	Dialed Number	Elapsed
98980	2007-10-21	06:28:55	usa	773-3126401	usa	773-4787307	773-4787307	0s
98981	2007-10-21	22:41:59	usa	312-8481433	usa	773-4787307	773-4787307	0s
98982	2007-10-21	22:10:57	usa	773-6790156	usa	773-4787307	773-4787307	0s
98983	2007-10-21	20:54:15	usa	773-8995290	usa	773-4787307	773-4787307	3m6s
98984	2007-10-21	20:22:17	usa	773-7068184	usa	773-4787307	773-4787307	7m12s
98985	2007-10-21	19:09:17	usa	312-8481433	usa	773-4787307	773-4787307	9m25s
98986	2007-10-21	18:57:55	usa	312-8481433	usa	773-4787307	773-4787307	0s
98987	2007-10-21	18:18:58	usa	773-6149070	usa	773-4787307	773-4787307	35s
98988	2007-10-21	16:39:17	usa	773-8995290	usa	773-4787307	773-4787307	0s
98989	2007-10-21	14:39:48	usa	773-6149070	usa	773-4787307	773-4787307	26s
98990	2007-10-21	13:22:25	usa	773-3340742	usa	773-4787307	773-4787307	1s
98991	2007-10-21	12:57:00	usa	773-3340742	usa	773-4787307	773-4787307	2s
98992	2007-10-21	12:51:32	usa	773-4655001	usa	773-4787307	773-4787307	4s
98993	2007-10-21	12:39:25	usa	773-3340742	usa	773-4787307	773-4787307	1m7s
98994	2007-10-21	12:21:53	usa	773-2212671	usa	773-4787307	773-4787307	1m38s
98995	2007-10-21	11:56:28	usa	773-2212671	usa	773-4787307	773-4787307	2s
98996	2007-10-21	11:53:15	usa	773-2212671	usa	773-4787307	773-4787307	2s
98997	2007-10-21	11:23:28	usa	773-8995290	usa	773-4787307	773-4787307	2s
98998	2007-10-21	18:18:19	usa	773-8669027	usa	773-4787307	773-4787307	9m56s
98999	2007-10-21	14:36:24	usa	773-6365080	usa	773-4787307	773-4787307	12s
99000	2007-10-21	14:29:39	usa	773-8995290	usa	773-4787307	773-4787307	3s
99001	2007-10-21	13:55:07	usa	773-8995290	usa	773-4787307	773-4787307	3s
99002	2007-10-21	13:46:41	usa	773-3340742	usa	773-4787307	773-4787307	1m24s
99003	2007-10-21	13:27:17	usa	773-3340742	usa	773-4787307	773-4787307	42s
99004	2007-10-21	13:20:08	usa	773-8995290	usa	773-4787307	773-4787307	0s
99005	2007-10-21	13:17:45	usa	773-7068184	usa	773-4787307	773-4787307	0s
99006	2007-10-21	13:09:11	usa	619-2377459	usa	773-4787307	773-4787307	3s
99007	2007-10-21	12:43:52	usa	773-8995290	usa	773-4787307	773-4787307	0s
99008	2007-10-21	12:23:47	usa	773-3340742	usa	773-4787307	773-4787307	8m25s
99009	2007-10-21	12:16:23	usa	773-6790156	usa	773-4787307	773-4787307	1s
99010	2007-10-21	11:28:06	usa	773-8995290	usa	773-4787307	773-4787307	1m15s
99011	2007-10-21	11:26:02	usa	773-3340742	usa	773-4787307	773-4787307	17m29s
99012	2007-10-21	11:19:15	usa	773-4655001	usa	773-4787307	773-4787307	10s
99013	2007-10-21	11:15:16	usa	773-3340742	usa	773-4787307	773-4787307	8s

FROM

١٥٠

83	2007-10-19	12:01:22	usa	773-5932998	usa	773-4787307	773-4787307	23s
84	2007-10-19	11:22:22	usa	773-5411423	usa	773-4787307	773-4787307	7m25s
85	2007-10-19	11:15:07	usa	773-3340742	usa	773-4787307	773-4787307	7m14s
86	2007-10-19	10:19:32	usa	773-8995290	usa	773-4787307	773-4787307	53m10s
87	2007-10-19	10:08:59	usa	484-4770183	usa	773-4787307	773-4787307	0s
88	2007-10-18	23:30:24	usa	773-6149070	usa	773-4787307	773-4787307	26s
89	2007-10-18	22:06:27	usa	773-2203983	usa	773-4787307	773-4787307	0s
90	2007-10-18	21:44:01	usa	773-2909989	usa	773-4787307	773-4787307	0s
91	2007-10-18	21:31:19	usa	773-2909989	usa	773-4787307	773-4787307	0s
92	2007-10-18	21:30:55	usa	773-2909989	usa	773-4787307	773-4787307	0s
93	2007-10-18	18:48:10	usa	970-4821410	usa	773-4787307	773-4787307	0s
94	2007-10-18	17:54:26	usa	312-8481433	usa	773-4787307	773-4787307	3s
95	2007-10-18	16:53:22	unkno	716-8172100	usa	773-4787307	773-4787307	0s
96	2007-10-18	13:15:05	usa	800-71116319	usa	773-4787307	773-4787307	1m24s
97	2007-10-17	11:20:04	usa	773-4678829	usa	773-4787307	773-4787307	0s
98	2007-10-17	20:38:01	usa	773-4678829	usa	773-4787307	773-4787307	0s
99	2007-10-17	20:05:32	usa	312-8481433	usa	773-4787307	773-4787307	0s
100	2007-10-17	19:22:38	usa	312-8481433	usa	773-4787307	773-4787307	28m4s
101	2007-10-17	19:21:42	usa	312-8481433	usa	773-4787307	773-4787307	1m13s
102	2007-10-17	18:05:33	usa	312-8481433	usa	773-4787307	773-4787307	2s
103	2007-10-17	17:45:06	usa	773-6149070	usa	773-4787307	773-4787307	4s
104	2007-10-17	17:40:03	usa	773-6149070	usa	773-4787307	773-4787307	19s
105	2007-10-17	17:31:54	usa	773-6149070	usa	773-4787307	773-4787307	2s
106	2007-10-17	16:50:51	usa	773-2909989	usa	773-4787307	773-4787307	7s
107	2007-10-17	15:08:18	usa	484-4770183	usa	773-4787307	773-4787307	1m5s
108	2007-10-17	15:02:56	usa	773-6365080	usa	773-4787307	773-4787307	1m32s
109	2007-10-17	14:30:59	unkno	847-1781275	usa	773-4787307	773-4787307	0s
110	2007-10-17	14:30:54	usa	773-6365080	usa	773-4787307	773-4787307	6s
111	2007-10-17	14:26:17	usa	708-8431710	usa	773-4787307	773-4787307	0s
112	2007-10-17	13:48:24	usa	773-8995290	usa	773-4787307	773-4787307	3s
113	2007-10-17	13:02:52	usa	773-8995290	usa	773-4787307	773-4787307	0s
114	2007-10-17	12:30:10	usa	800-7116319	usa	773-4787307	773-4787307	0s
115	2007-10-17	12:28:16	usa	708-5852000	usa	773-4787307	773-4787307	1m6s
116	2007-10-17	12:28:16	usa	708-5852000	usa	773-4787307	773-4787307	2s
117	2007-10-17	12:28:16	usa	708-5852000	usa	773-4787307	773-4787307	2s
118	2007-10-17	07:28:24	usa	773-5932998	usa	773-4787307	773-4787307	2m57s
119	2007-10-17	06:58:26	usa	773-8995290	usa	773-4787307	773-4787307	0s
120	2007-10-17	06:55:09	usa	773-8995290	usa	773-4787307	773-4787307	0s
121	2007-10-17	06:50:17	usa	773-8995290	usa	773-4787307	773-4787307	0s
122	2007-10-16	22:06:55	usa	773-8995290	usa	773-4787307	773-4787307	0s
123	2007-10-16	21:19:13	usa	773-8995290	usa	773-4787307	773-4787307	0s
124	2007-10-16	21:19:06	usa	773-7068184	usa	773-4787307	773-4787307	2m48s
125	2007-10-16	20:44:28	usa	716-8172100	usa	773-4787307	773-4787307	58s
126	2007-10-16	19:54:12	usa	312-8481433	usa	773-4787307	773-4787307	0s

004124

Line	Time	Source	Destination	Port	Protocol	Service	State	Count
127	2007-10-16	usa	484-4770183	usa	773-4787307	773-4787307	0s	1m27s
128	2007-10-16	usa	773-5787126	usa	773-4787307	773-4787307	0s	1m27s
129	2007-10-16	usa	773-5787126	usa	773-4787307	773-4787307	0s	1m27s
130	2007-10-16	usa	773-5787126	usa	773-4787307	773-4787307	0s	1m27s
131	2007-10-16	usa	773-6790156	usa	773-4787307	773-4787307	0s	1m27s
132	2007-10-16	usa	773-6790156	usa	773-4787307	773-4787307	0s	1m27s
133	2007-10-16	usa	773-8995290	usa	773-4787307	773-4787307	0s	1m27s
134	2007-10-16	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
135	2007-10-16	usa	773-5932398	usa	773-4787307	773-4787307	0s	1m27s
136	2007-10-15	usa	773-6365080	usa	773-4787307	773-4787307	0s	1m27s
137	2007-10-15	usa	773-6149070	usa	773-4787307	773-4787307	0s	1m27s
138	2007-10-15	unkno	847-1781275	usa	773-4787307	773-4787307	0s	1m27s
139	2007-10-15	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
140	2007-10-15	usa	773-6790156	usa	773-4787307	773-4787307	0s	1m27s
141	2007-10-15	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
142	2007-10-15	usa	773-6790156	usa	773-4787307	773-4787307	0s	1m27s
143	2007-10-15	usa	773-6790156	usa	773-4787307	773-4787307	0s	1m27s
144	2007-10-15	usa	484-4770183	usa	773-4787307	773-4787307	0s	1m27s
145	2007-10-15	usa	708-5852000	usa	773-4787307	773-4787307	0s	1m27s
146	2007-10-15	usa	708-5852000	usa	773-4787307	773-4787307	0s	1m27s
147	2007-10-15	usa	773-8995290	usa	773-4787307	773-4787307	0s	1m27s
148	2007-10-14	usa	773-8995290	usa	773-4787307	773-4787307	0s	1m27s
149	2007-10-14	usa	773-6149070	usa	773-4787307	773-4787307	0s	1m27s
150	2007-10-14	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
151	2007-10-14	usa	773-6365080	usa	773-4787307	773-4787307	0s	1m27s
152	2007-10-14	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
153	2007-10-14	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
154	2007-10-14	usa	773-8669027	usa	773-4787307	773-4787307	0s	1m27s
155	2007-10-14	usa	773-5030312	usa	773-4787307	773-4787307	0s	1m27s
156	2007-10-14	usa	773-5030312	usa	773-4787307	773-4787307	0s	1m27s
157	2007-10-14	usa	773-9540560	usa	773-4787307	773-4787307	0s	1m27s
158	2007-10-14	usa	773-8995290	usa	773-4787307	773-4787307	0s	1m27s
159	2007-10-14	usa	773-4630806	usa	773-4787307	773-4787307	0s	1m27s
160	2007-10-14	usa	773-5247851	usa	773-4787307	773-4787307	0s	1m27s
161	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s
162	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s
163	2007-10-13	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
164	2007-10-13	usa	312-8481433	usa	773-4787307	773-4787307	0s	1m27s
165	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s
166	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s
167	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s
168	2007-10-13	usa	566-7620000	usa	773-4787307	773-4787307	0s	1m27s
169	2007-10-13	usa	817-8472066	usa	773-4787307	773-4787307	0s	1m27s
170	2007-10-13	usa	773-8277497	usa	773-4787307	773-4787307	0s	1m27s

004125

171	2007-10-13	15:21:06	usa	773-8271497	usa	773-4787307	773-4787307	2s
172	2007-10-13	13:59:07	usa	773-6365080	usa	773-4787307	773-4787307	3s
173	2007-10-13	13:45:37	usa	773-6365080	usa	773-4787307	773-4787307	2s
174	2007-10-13	13:19:49	usa	817-8472066	usa	773-4787307	773-4787307	41s
175	2007-10-13	12:11:10	usa	773-6365080	usa	773-4787307	773-4787307	3s
176	2007-10-13	12:10:11	usa	773-6365080	usa	773-4787307	773-4787307	12s
177	2007-10-13	11:54:42	usa	773-5247851	usa	773-4787307	773-4787307	5s
178	2007-10-13	10:36:31	usa	312-5653248	usa	773-4787307	773-4787307	3s
179	2007-10-12	20:41:16	usa	773-5787126	usa	773-4787307	773-4787307	11m34s
180	2007-10-12	20:16:43	usa	312-8481433	usa	773-4787307	773-4787307	1m17s
181	2007-10-12	18:53:24	usa	847-6101463	usa	773-4787307	773-4787307	39s
182	2007-10-12	18:03:47	usa	773-6149070	usa	773-4787307	773-4787307	0s
183	2007-10-12	15:45:54	usa	773-8669027	usa	773-4787307	773-4787307	0s
184	2007-10-12	12:09:19	usa	773-4781868	usa	773-4787307	773-4787307	33s
185	2007-10-12	12:02:16	usa	773-2942376	usa	773-4787307	773-4787307	2s
186	2007-10-12	10:25:07	usa	773-2942376	usa	773-4787307	773-4787307	30s
187	2007-10-12	21:53:23	usa	619-2377459	usa	773-4787307	773-4787307	0s
188	2007-10-11	21:53:23	usa	773-8995290	usa	773-4787307	773-4787307	0s
189	2007-10-11	19:45:03	usa	773-8995290	usa	773-4787307	773-4787307	28m29s
190	2007-10-11	18:39:35	usa	773-6225068	usa	773-4787307	773-4787307	6s
191	2007-10-11	17:42:47	usa	773-3340742	usa	773-4787307	773-4787307	0s
192	2007-10-11	16:50:58	usa	773-5932998	usa	773-4787307	773-4787307	2s
193	2007-10-11	16:50:10	usa	231-7322048	usa	773-4787307	773-4787307	0s
194	2007-10-11	15:41:40	unkno	773-6365080	usa	773-4787307	773-4787307	6s
195	2007-10-11	15:41:35	usa	847-1781275	usa	773-4787307	773-4787307	0s
196	2007-10-11	14:05:56	usa	773-8995290	usa	773-4787307	773-4787307	0s
197	2007-10-11	08:14:27	usa	800-7116319	usa	773-4787307	773-4787307	0s
198	2007-10-11	07:02:34	usa	773-8995290	usa	773-4787307	773-4787307	1m5s
199	2007-10-11	07:01:33	usa	312-8481433	usa	773-4787307	773-4787307	0s
200	2007-10-11	07:01:05	usa	312-8481433	usa	773-4787307	773-4787307	0s
201	2007-10-11	07:00:21	usa	312-8481433	usa	773-4787307	773-4787307	3s
202	2007-10-11	06:58:59	usa	773-8995290	usa	773-4787307	773-4787307	2s
203	2007-10-11	06:58:14	usa	773-8995290	usa	773-4787307	773-4787307	2s
204	2007-10-11	06:56:35	usa	312-8481433	usa	773-4787307	773-4787307	0s
205	2007-10-11	22:09:21	usa	312-8481433	usa	773-4787307	773-4787307	4s
206	2007-10-10	19:42:04	usa	773-8995290	usa	773-4787307	773-4787307	0s
207	2007-10-10	17:42:08	usa	716-8172102	usa	773-4787307	773-4787307	49s
208	2007-10-10	16:12:00	usa	773-5787126	usa	773-4787307	773-4787307	2s
209	2007-10-10	16:03:21	usa	773-8657653	usa	773-4787307	773-4787307	1s
210	2007-10-10	15:41:29	unkno	301-3928258	usa	773-4787307	773-4787307	0s
211	2007-10-09	22:17:29	usa	773-4651834	usa	773-4787307	773-4787307	22s

004126



215	2007-10-09	21:52:58	usa	773-8995290	usa	773-4787307	773-4787307	Im21s
216	2007-10-09	20:55:32	usa	773-3185957	usa	773-4787307	773-4787307	1s
217	2007-10-09	19:51:57	usa	773-6365080	usa	773-4787307	773-4787307	11s
218	2007-10-09	19:51:46	usa	312-8481433	usa	773-4787307	773-4787307	2s
219	2007-10-09	19:51:39	usa	312-8481433	usa	773-4787307	773-4787307	13s
220	2007-10-09	19:50:14	usa	773-6365080	usa	773-4787307	773-4787307	10s
221	2007-10-09	19:45:52	usa	773-3185957	usa	773-4787307	773-4787307	0s
222	2007-10-09	19:45:03	usa	773-3185957	usa	773-4787307	773-4787307	2s
223	2007-10-09	19:34:23	usa	312-8481433	usa	773-4787307	773-4787307	0s
224	2007-10-09	19:21:41	usa	312-8481433	usa	773-4787307	773-4787307	0s
225	2007-10-09	19:17:14	usa	206-9024200	usa	773-4787307	773-4787307	55s
226	2007-10-09	17:46:45	usa	501-0000000	usa	773-4787307	773-4787307	22s
227	2007-10-09	17:20:32	usa	206-7747670	usa	773-4787307	773-4787307	0s
228	2007-10-09	17:17:18	usa	312-8481433	usa	773-4787307	773-4787307	0s
229	2007-10-09	15:57:34	usa	773-3185957	usa	773-4787307	773-4787307	3s
230	2007-10-09	14:24:34	usa	708-5852000	usa	773-4787307	773-4787307	4s
231	2007-10-09	14:24:34	usa	708-5852000	usa	773-4787307	773-4787307	1m47s
232	2007-10-09	12:34:16	usa	708-5852000	usa	773-4787307	773-4787307	1m47s
233	2007-10-09	12:34:16	usa	708-5852000	usa	773-4787307	773-4787307	34s
234	2007-10-09	10:17:09	usa	206-7747670	usa	773-4787307	773-4787307	0s
235	2007-10-09	08:24:23	usa	708-5852000	usa	773-4787307	773-4787307	0s
236	2007-10-09	08:24:22	usa	708-5852000	usa	773-4787307	773-4787307	1s
237	2007-10-09	08:03:55	usa	708-5270514	usa	773-4787307	773-4787307	1m43s
238	2007-10-08	22:27:15	usa	773-5932998	usa	773-4787307	773-4787307	4s
239	2007-10-08	22:09:45	usa	773-5932998	usa	773-4787307	773-4787307	7s
240	2007-10-08	22:01:34	usa	773-5932998	usa	773-4787307	773-4787307	3s
241	2007-10-08	21:53:16	usa	773-6149070	usa	773-4787307	773-4787307	6s
242	2007-10-08	20:12:52	usa	312-8481433	usa	773-4787307	773-4787307	12s
243	2007-10-08	19:56:24	usa	773-6365080	usa	773-4787307	773-4787307	0s
244	2007-10-08	19:40:11	usa	716-8172100	usa	773-4787307	773-4787307	7s
245	2007-10-08	19:31:34	unkno	847-1781275	usa	773-4787307	773-4787307	3s
246	2007-10-08	19:31:29	usa	773-8995290	usa	773-4787307	773-4787307	12s
247	2007-10-08	17:43:20	usa	312-8481433	usa	773-4787307	773-4787307	0s
248	2007-10-08	17:32:34	usa	312-8481433	usa	773-4787307	773-4787307	0s
249	2007-10-08	17:23:33	usa	773-4650001	usa	773-4787307	773-4787307	0s
250	2007-10-08	17:14:22	usa	773-6149070	usa	773-4787307	773-4787307	34s
251	2007-10-08	16:56:50	usa	773-6149070	usa	773-4787307	773-4787307	16s
252	2007-10-08	14:41:57	usa	773-6225068	usa	773-4787307	773-4787307	29m7s
253	2007-10-08	14:20:35	usa	773-8995290	usa	773-4787307	773-4787307	6s
254	2007-10-08	14:10:31	usa	773-8995290	usa	773-4787307	773-4787307	8s
255	2007-10-08	14:08:38	usa	773-8995290	usa	773-4787307	773-4787307	50s
256	2007-10-08	13:28:32	usa	773-6149070	usa	773-4787307	773-4787307	32s
257	2007-10-08	13:18:48	usa	773-8995290	usa	773-4787307	773-4787307	2s
258	2007-10-08		usa		usa	773-4787307	773-4787307	33s

004127

259	2007-10-08	11:35:26	usa	773-4787307	773-4787307	0s
260	2007-10-07	19:05:56	usa	773-4787307	773-4787307	12s
261	2007-10-07	17:19:14	usa	773-4787307	773-4787307	0s
262	2007-10-07	16:15:21	usa	773-4787307	773-4787307	0s
263	2007-10-07	14:30:53	usa	773-4787307	773-4787307	0s
264	2007-10-07	11:47:36	usa	773-4787307	773-4787307	31s
265	2007-10-07	11:15:21	usa	773-4787307	773-4787307	0s
266	2007-10-07	11:06:47	usa	773-4787307	773-4787307	0s
267	2007-10-06	23:43:17	usa	773-4787307	773-4787307	58s
268	2007-10-06	19:30:29	usa	773-4787307	773-4787307	0s
269	2007-10-06	18:35:08	usa	773-4787307	773-4787307	0s
270	2007-10-06	18:32:01	usa	773-4787307	773-4787307	0s
271	2007-10-06	18:12:15	usa	773-4787307	773-4787307	20s
272	2007-10-06	17:36:03	usa	773-4787307	773-4787307	0s
273	2007-10-06	17:13:17	usa	773-4787307	773-4787307	0s
274	2007-10-06	17:05:53	usa	773-4787307	773-4787307	4m7s
275	2007-10-06	16:14:10	usa	773-4787307	773-4787307	39s
276	2007-10-06	15:48:46	usa	773-4787307	773-4787307	1m39s
277	2007-10-06	14:49:40	usa	773-4787307	773-4787307	0s
278	2007-10-06	13:39:11	usa	773-4787307	773-4787307	2s
279	2007-10-06	13:32:02	usa	773-4787307	773-4787307	3s
280	2007-10-06	13:31:06	usa	773-4787307	773-4787307	10s
281	2007-10-06	12:38:29	usa	773-4787307	773-4787307	1m17s
282	2007-10-05	20:05:30	usa	773-4787307	773-4787307	0s
283	2007-10-05	20:01:50	usa	773-4787307	773-4787307	2s
284	2007-10-05	19:39:15	usa	773-4787307	773-4787307	3s
285	2007-10-05	18:26:09	usa	773-4787307	773-4787307	1s
286	2007-10-05	15:42:46	unkno	773-4787307	773-4787307	0s
287	2007-10-05	15:42:41	usa	773-4787307	773-4787307	0s
288	2007-10-05	14:13:53	usa	773-4787307	773-4787307	1m4s
289	2007-10-05	13:20:36	usa	773-4787307	773-4787307	40s
290	2007-10-05	13:07:46	usa	773-4787307	773-4787307	3s
291	2007-10-05	13:06:33	usa	773-4787307	773-4787307	3s
292	2007-10-05	13:05:49	usa	773-4787307	773-4787307	3s
293	2007-10-05	13:05:23	usa	773-4787307	773-4787307	0s
294	2007-10-05	13:04:56	usa	773-4787307	773-4787307	0s
295	2007-10-05	13:04:41	usa	773-4787307	773-4787307	0s
296	2007-10-05	12:49:41	usa	773-4787307	773-4787307	11s
297	2007-10-05	08:24:04	usa	773-4787307	773-4787307	6m48s
298	2007-10-05	21:01:42	usa	773-4787307	773-4787307	1m4s
299	2007-10-04	12:51:17	usa	773-4787307	773-4787307	0s
300	2007-10-04	11:46:27	usa	773-4787307	773-4787307	2m34s
301	2007-10-04		usa	773-4787307	773-4787307	1m7s
302	2007-10-04		usa	773-4787307	773-4787307	

FROM

303	2007-10-04	09:13:41	usa	716-8172100	usa	773-4787307	773-4787307	48s
304	2007-10-03	20:38:05	usa	312-8481433	usa	773-4787307	773-4787307	34s
305	2007-10-03	20:16:46	usa	312-8481433	usa	773-4787307	773-4787307	1m10s
306	2007-10-03	19:54:02	usa	312-8481433	usa	773-4787307	773-4787307	3s
307	2007-10-02	12:22:19	usa	713-5825100	usa	773-4787307	773-4787307	0s
308	2007-10-01	18:20:33	usa	800-6690102	usa	773-4787307	773-4787307	56s
309	2007-10-01	16:52:53	unkn-			773-4787307	773-4787307	0s
310	2007-10-01	16:52:48	usa	847-1781275	usa	773-4787307	773-4787307	0s
311	2007-10-01	14:08:32	usa	800-6690102	usa	773-4787307	773-4787307	4s
312	2007-10-01	09:43:22	usa	773-8229857	usa	773-4787307	773-4787307	1m30s
313	2007-10-01	02:01:42	usa	773-9650904	usa	773-4787307	773-4787307	2s
314	2007-10-01	01:51:06	usa	773-9650904	usa	773-4787307	773-4787307	0s
TOTAL								5h23m12s

004129

Query Parameters:  
Databases: LD, AIS, SBCM  
Start Date: 10-1-2007@00:00:00 End Date: 10-22-2007@08:47:36  
Query Time Zone: Switch Local  
Terminating Number(s): 7734787307  
Output Type: Detail  
Sort Key(s): -ConnDate, -ConnTime  
Detail Call Limit (per database): 50000

AT&T Proprietary (Restricted)  
Only for used by authorized individuals within the AT&T  
companies and not for general distribution.

FROM VLPC SWBT SECURITY

https://scampweb1.quantum.att.com/cgi-bin/resultsDetailFrame.n?params=dmlld05hWt10Im01dHR1dFZvcm1hAD1dGFIhCVFmDlkG197 in/02/0007

**LAKE COUNTY MAJOR CRIME TASK FORCE**  
**VOLUNTARY STATEMENT**

I WOULD NOW LIKE TO MAKE THE FOLLOWING STATEMENT:

I received a call from Marni telling me that the battery of the Infinity was out. I told her that the battery was to be disconnected, and I would pick up the old battery and have it replaced. I picked up the battery and traded it in at the auto store and returned with the new one. I left the new battery in the car garage and went back to work, all this occurring in the early part of October 2007. During the late morning early afternoon hours.

Dated at the City of Round Lake Park, Lake County, Illinois, this 04 day of Jan, 2008

WITNESSED:

SIGNED:

**LAKE COUNTY MAJOR CRIME TASK FORCE**  
**VOLUNTARY STATEMENT**

I WOULD NOW LIKE TO MAKE THE FOLLOWING STATEMENT:

On the early part of October, the first week of the month, I received a call from Marni telling me that the battery of her Infinity Truck was drained. I told her to disconnect the battery and I would come by the house and pick it up to have it replaced. On going ~~on~~ lunch I drove to Marni's and picked up the drained battery. I took the battery to an auto shop, Pep boys, I think, and traded it in for a fresh battery. I returned to Marni's garage and placed the battery in the garage. I don't remember installing it. I did not fasten the battery cables on. Approx 1/2 to almost 2 years ago, an uncle of Marni's passed away in Florida. She attended to some family matters and her uncle owned, possibly 2 handguns, a 9mm Beretta and a possible .380 caliber. Returning from Florida I saw the guns that belonged to her uncle. Some time later a few weeks after we took the guns to test fire. After test firing them, I did not maintain knowledge of where they were. On occasion we fired them at the range at Illinois Gun Works. Marni test fired them at the range. Marni being Marni Yang.

Dated at the City of ILR007, Lake County, Illinois, this 07 day of Jan, 2008

WITNESSED: \_\_\_\_\_

SIGNED: \_\_\_\_\_

AutoZone 5245

4448 N PULASKI

CHICAGO, IL

(773) 283-6087

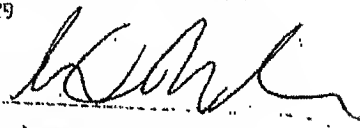
CORE EXCHGE 1- @ 1/12.00  
\*330109 CORE TRADE-IN 12 00-P  
#330109 25-DLG DURALAST G 69 99 P  
#330109 CORE CHARGE 12 00 P

CARD #: 517805XXXXX5627 EXP. 10/04/09

APPROVAL# 063872 MERCH# 198529800

Amount: 76.29

CUST SIGN



(Merchant Copy)  
Store Receipt Only

REG #02 CSR #03 RECEIPT #003626  
STR. TRANS #968072  
STORE #5245  
DATE 10/04/2007 12 52

# OF ITEMS SOLD 1

002545

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

39

**AutoZone 5245**

4448 N PULASKI

CHICAGO, IL

(773)-283-6087

CORE EXCHGE 1- @ 1/12.00  
\*330109 CORE TRADE-IN 12.00-P  
#330109 25-DLG DURALAST G 69.99 P  
#330109 CORE CHARGE 12.00 P  
SUBTOTAL 69.99  
TOTAL TAX @ 9.000% 6.30  
TOTAL 76.29  
XXXXXXXXXXXX5627 MASTERCARD 76.29  
APPROVAL # 06387Z

**PERSONAL WARRANTY INFORMATION**

YANG MARNI

60625

( 773 ) 636 - 5080

2001 Infiniti Truck QX4 4WD  
Item: 330109 25-DLG DURALAST GOLD BAA  
8 YEAR/96 MONTH WARRANTY ON ABOVE ITEM  
36 MONTHS FREE REPLACEMENT PERIOD

**\*\* DUPLICATE RECEIPT \*\***  
DO NOT PAY

REG #02 CSR #03 RECEIPT #00362

STR. TRANS #968072

STORE #5245

DATE 10/04/2007 12:52

# OF ITEMS SOLD 1

**AutoZone Duplicate Receipt**

002516

5178057261625912	10/1/2007	15:08:50	173.31 00
5178057261625912	10/1/2007	15:40:10	28.08 00
5178057261625912	10/2/2007	18:30:10	16.5 00
5178057261625912	10/2/2007	21:36:54	67.61 00
5178057261625912	10/4/2007	13:52:12	76.29 00
5178057261625912	10/7/2007		102.00
5178057261625912	10/7/2007		114.24 00
5178057261625912	10/8/2007		50.68 00
5178057261625912	10/9/2007		19.17 00
5178057261625912	10/10/2007		47.95 00
5178057261625912	10/10/2007		22.00
5178057261625912	10/10/2007		23.06 00
5178057261625912	10/11/2007		11.91 00
5178057261625912	10/11/2007		35.66 00
5178057261625912	10/11/2007		101.75 00
5178057261625912	10/13/2007		29.75 00
5178057261625912	10/13/2007		21.28 00
5178057261625912	10/14/2007	21:29:02	31.44 00
5178057261625912	10/14/2007	21:28:02	102.00
5178057261625912	10/14/2007	21:27:05	102.00
5178057261625912	10/16/2007	21:11:31	6.55 00
5178057261625912	10/16/2007	19:03:18	103.00
5178057261625912	10/21/2007	21:45:34	1.00
5178057261625912	10/22/2007	14:34:52	31.59 00
5178057261625912	10/24/2007	21:32:53	42.85 00
5178057261625912	10/24/2007	20:31:42	162.00
5178057261625912	10/25/2007	0:03:25	20.00
5178057261625912	10/26/2007	15:27:13	100.00
5178057261625912	10/28/2007	22:08:56	42.03 00
5178057261625912	10/28/2007	21:35:43	20.87 00
5178057261625912	10/28/2007	21:27:39	98.06 00
5178057261625912	10/28/2007	18:59:20	46.75 00
5178057261625912	10/28/2007	18:38:08	20.00
5178057261625912	10/30/2007	17:20:29	1.52
5178057261625912	10/30/2007	23:58:52	20.00
5178057261625912	10/30/2007	19:09:16	16.48 00
5178057261625912	11/9/2007	16:43:56	26.65 00

Sale's  
Credit Card  
Purchased on  
10/4/07



**McCord and Associates**

25 E. Washington, Suite 1455, Chicago, IL 60602 (312) 984-0404 Fax (312) 853-0885

SUMMARY OF EXAMINATIONRESULTS AND OPINIONS

On March 8, 2017, Andrew Yang voluntarily submitted to a polygraph examination administered by McCord and Associates to determine if he was at home sick with his mother on the morning of October 4, 2007. He was also asked if he killed Rhoni Reuter and he was asked about making statements to the police.

Prior to the examination, the subject signed a form releasing Tammy Koelling of any liability which may result from the polygraph examination. The polygraph release form signed by the subject is on file in our office.

During the pre-test interview the subject related the following information: The subject stated that he texted his mother from his bedroom at home at approximately 6:30 a.m. on October 4, 2007 to tell her that he was sick and did not feel well enough to go to school and his mother came into his bedroom some time prior to 10:00 a.m. to check on him and told him that he could say home from school and she was having problems with the truck and need help putting in a new battery. He further stated that his mother left the house some time before 11:00 a.m. to run some errands. The subject denied killing Rhoni Reuter or making any voluntary statements to the police. He also stated that he was told by a police officer that "it's either going to be you or your mother."

During the polygraph examination, the subject was asked the following relevant questions:

1. Were you at home sick with your mother on October 4, 2007?

ANSWER – YES

2. Did you kill Rhoni Reuter?

ANSWER – NO

3. Did a police officer say to you it's either going to be you or your mother?"

ANSWER – YES

4. Were your statements to the police voluntary?

ANSWER - NO

CONCLUSION: In the opinion of the examiner, based solely on the subject's polygraph test, the subject told the truth to all of the relevant questions asked on the test.

Lee McCord  
Polygraph Examiner



**McCord and Associates**

25 E. Washington, Suite 1455, Chicago, IL 60602 (312) 984-0404 Fax (312) 853-0885

SUMMARY OF EXAMINATION

RESULTS AND OPINIONS

On January 18, 2018, Marni Yang voluntarily submitted to a polygraph examination administered by McCord and Associates to determine if she lied when she confessed to the murder of Rhoni Reuter to Christi Paschen.

Prior to the examination, the subject signed a form releasing Tammy Koelling of any liability which may result from the polygraph examination. The polygraph release form signed by the subject is on file in our office.

During the pre-test interview the subject related the following information: The subject stated that she made the false confession to Christi after being told that her son, Andrew was about to be indicted for the murder of Rhoni Reuter. She further stated that while sitting in Denny's with Christi she saw the wire that Christi was wearing before she made the false confession to Christi. The subject stated that she made the false confession to shield her son from law enforcement and the information made in her confession came from her interviews with law enforcement and what she heard in the media.

During the polygraph examination, the subject was asked the following relevant questions:

1. Did you falsely confess to the murder of Rhoni Reuter to shield your son, Andrew from the police?

ANSWER – YES

2. Were you lying when you confessed to Christi Paschen that you committed the murder of Rhoni Reuter?

ANSWER – YES

3. Did you see the wire that Christi was wearing before you made the confession to her?

ANSWER – YES

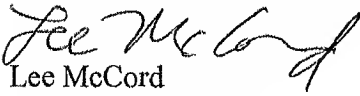


Page - 2  
Marni Yang

4. Was your false confession based on your interview with the police and things you hear in the media?

ANSWER - YES

CONCLUSION: In the opinion of the examiner, based solely on the subject's polygraph test, the subject told the truth to all of the relevant questions asked on the test.

  
Lee McCord  
Polygraph Examiner

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 07-15329	Reporting Date: 10/04/07	Reporting Officer: Evidence Technician Cesar A. Flores	
Subject of Case: Death Investigation	Typed By: E/T Flores	Date: 10/08/07	Lead No. E1

On 10/04/07 at approximately 2:10PM, I (Evidence Technician (E/T) Cesar A. FLORES) was advised by Evidence Technician Bob OGDEN that there may be some possible tire impressions on the west side of the parking lot in the complex of 441 Elm Street, Apt #3B, Deerfield, Illinois 60015.

E/T photographed the possible tire impressions using Kodak brand 400 ASA 24-exposure film and a Nikon 35mm camera with a Nikon AF Nikkor lens (28 - 105mm micro lens).

The following are the photographic logs:

Item #CAF002  
Lot #CAF002  
Roll 1

1	PLACARD
2	OVERALL POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO WEST SIDE
3	OVERALL POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO NORTH SIDE
4	OVERALL POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO EAST SIDE
5	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO SOUTH SIDE
6	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO SOUTH SIDE WITH SCALE
7	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO WEST SIDE
8	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO NORTH SIDE
9	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO EAST SIDE
10	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO EAST SIDE
11	OVERALL OF POSSIBLE TIRE IMPRESSION WEST OF PARKING LOT FLASH TO WEST SIDE WITH SCALE
12	EMPTY
13	EMPTY
14	EMPTY
15	EMPTY

# MEMORANDUM

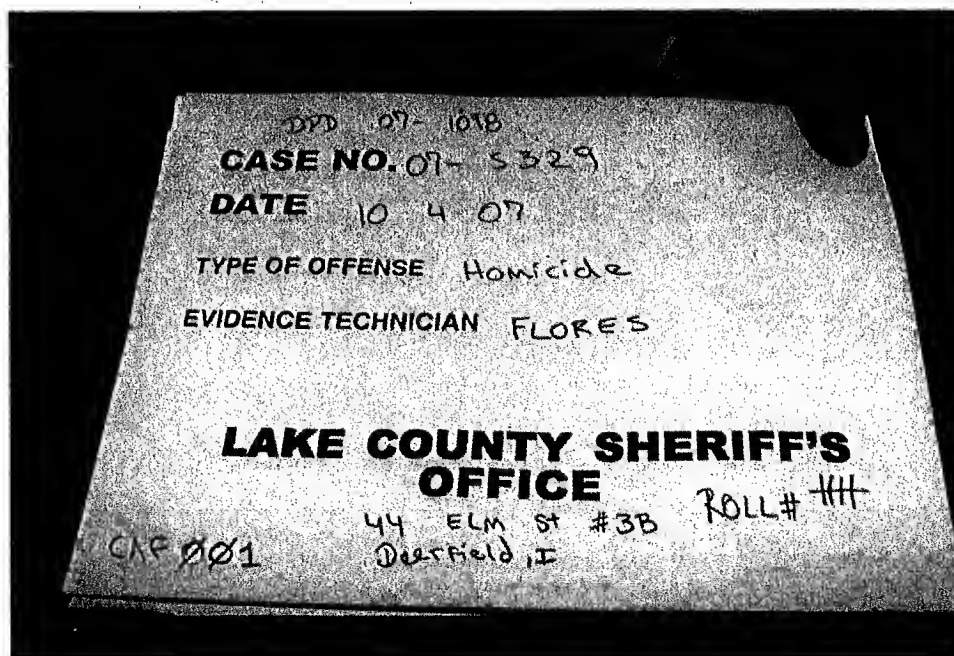
**To:** John Louis Larsen  
**From:** Arthur H. Borchers  
**Date:** October 23, 2018  
**Subject:** Deerfield PD Reuter Crime Scene Pictures Scanning & Review

---

Sir:

On October 15, 2018, I conducted an investigation at the office of Jed Stone & Associates, 415 Washington Street, Suite 107, Waukegan, Illinois. I scanned the Deerfield Police Department (DPD) crime scene photographs that had been tendered to Mr. Stone. I examined eight (8) envelopes of photographs and twenty (20) loose photographs. The envelopes bore a label with the notation of "CAF001" and "Roll 01" through "Roll 08." The plain white envelopes also bore a stamped sequence number ranging from 026556 to 0206563.

The loose photographs and envelopes contained photographs depicting images from the homicide crime scene of Rhoni Reuter on October 4, 2007. Each envelope contained an identification card bearing a printed "LAKE COUNTY SHERIFF'S OFFICE," a case number of "07-5329", a "DPD 07 1098" marking, and the Evidence Technician named as "Flores", the incident address of "44 Elm St., #3B, Deerfield, I", the notation of "CAF001" and a "Roll #" that incremented with a tick mark for Rolls #1 through #5. The tick mark for the roll number did not increment for rolls #6 through #8 but remained at five as shown below in the identification plate for Roll #6.



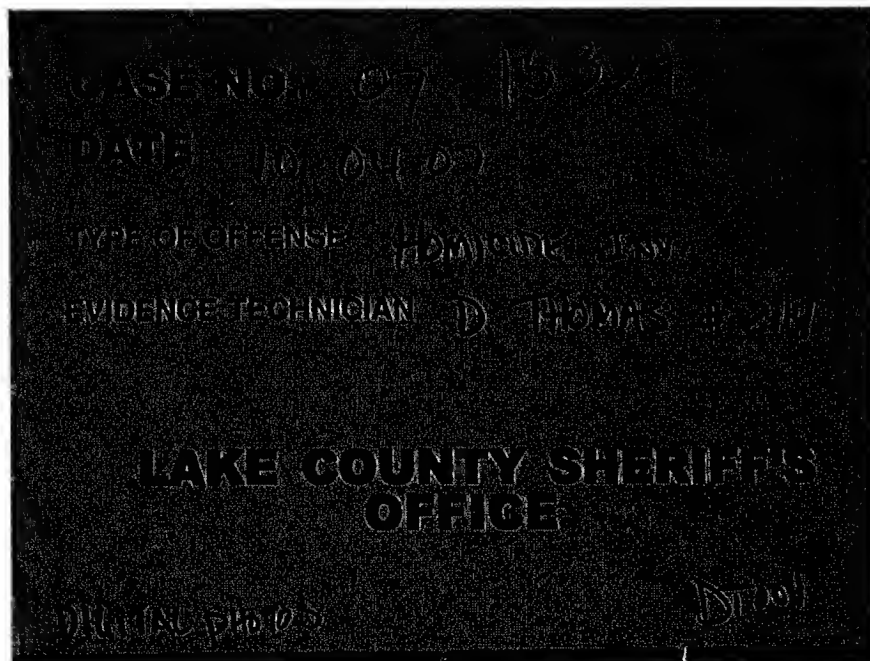
2018\_October\_Koelling-Stone\_Roll06\_0001.jpg

The envelopes contained 4" x 6" color prints on Fujifilm paper in quantities as follows: Roll #1 – Twenty-two (22) photos; Roll #2 – twenty-four (24) photos; Roll #3 – twenty-four (24) photos; Roll #4 – twenty-

four (24) photos; Roll #5 – twenty-two (22) photos; Roll #6 – twenty-four (24) photos; Roll #7 – sixteen (16) photos; and Roll #8 – nine (9) photos. The backs of each photo did not contain any printed or written information. In all there were one hundred eighty-five (185) photographs.

Using an Epson FastFoto 680W photo scanner connected to my laptop computer via USB cable, I scanned all the photos at 1,200 dots per inch (DPI) with 24-bit color depth resulting in digital images that are 7068 x 4720 pixels in size. The individual photographs and each roll were scanned into separate folders for storage.

I created contact sheets of the individual photos and the rolls using ACDSee Ultimate 2019 software for comparison with the previously received photographs from this matter. I then realized that many of the photographs reviewed and scanned today, while like the previously received photographs in subject and content, were in fact previously unknown. All previously received and examined crime scene and autopsy photographs were taken with a Canon PowerShot A630 or a Canon EOS DIGITAL REBEL camera respectively. The first digital photograph, shown below, has a different case number of 07-15329 and names the Evidence Technician as "D. Thomas #2114." All the digital images from these cameras contain exchangeable image file format (EXIF) data such as exposure data in the digital file. Photographs made from film negatives, like the scanned photographs do not contain exposure data.

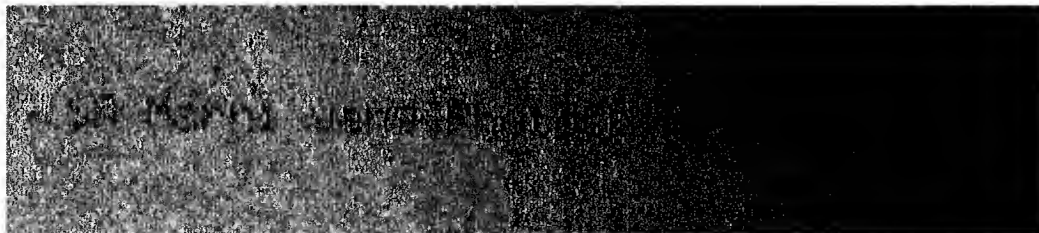


IMG\_2180.jpg

Some of the photographs scanned today were included in the photographs Larsen Forensics & Associates reviewed at the Lake County Court Clerk's Office on March 22 and 23, 2018. Most of the images used exhibits at the Yang trial, as shown below, have printed descriptive information on the back of the photograph.



IMG\_0371.jpg



Enlarged view of text on back of People's Exhibit 143  
(image rotated, color saturation, temperature and contrast edited for text clarity)

There is no information in any of the reports I have reviewed that indicates the source for the case related text on the back of the trial exhibit photographs.

I then began a review of the crime scene photographs introduced as People's Exhibits at the Yang trial. The front and back of these Exhibits were photographed on March 22, 2018 when the evidence in the custody of the Lake County Clerk's Office was examined under court order. The contact sheet of the March 2018 photographs is attached as Appendix A. The contact sheet of the Lake County digital crime scene photos is attached as Appendix B. The contact sheets of the scanned DPD photographs are attached as Appendices C to K.

The following table lists the Exhibit Number (in order photographed), the text imprinted on the back of the photograph, the identifier label, if applicable, the original exhibit source with the corresponding Lake County digital image file name (IMG\_####) or the scanned DPD photograph file name (Roll#\_#### or IND\_#### for an image from the individual group). For brevity the "2018\_October\_Koelling-Stone\_" file prefix for a scanned image is not included in the file name.

People's Exhibit #	LFA - Lake County Clerk Evidence Photo #'s	Text on Photo Back	Identifier Label (if any)	Source File Name
133	Img_0350/1/2/3/4	SA Marni Yang<YangPhoto 003.jpg>		Source Unknown
134	Img_0355/6	SA Marni Yang<PhotoCrimeScene 12		IMG_2299
135	Img_0357/8	SA Marni Yang<PhotoCrimeScene 11		IMG_2298
136	Img_0359/60	SA Marni Yang<PhotoCrimeScene 00		IMG_2183
137	Img_0361/2	SA Marni Yang<PhotoCrimeScene 01		IMG_2194
138	Img_0363/4	SA Marni Yang<PhotoCrimeScene 01		IMG_2193
139	Img_0365/6	SA Marni Yang<PhotoCrimeScene 02		IMG_2195
140	Img_0367/8	SA Marni Yang<PhotoCrimeScene 04		IMG_2217
142	Img_0369/70	SA Marni Yang<PhotoCrimeScene 04		IMG_2216
143	Img_0371/2	SA Marni Yang<PhotoCrimeScene 04		IMG_2218
145	Img_0373/4	SA Marni Yang<PhotoCrimeScene 06		IMG_2243
146	Img_0375/6	SA Marni Yang<PhotoCrimeScene 06		IMG_2244
147	Img_0377/8	SA Marni Yang<PhotoCrimeScene 04		IMG_2222 Bottom Crop?
148	Img_0379/80	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07 15329 5301 <16> img0018	CAF001 Roll 5 Photo 9	Roll15_0009
149	Img_0381/2	SA Marni Yang<PhotoCrimeScene 12		IMG_2309
150	Img_0383/4	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07 15329 5301 <14> IMG0016	CAF001 Roll 5 Photo 11	Roll15_0011
151	Img_0385/6	Post-It Note Covering	CAF001 Roll 5 Photo 24	Roll15_0022
153	Img_0387/8	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07 15329 5303 <4> IMG0007	CAF001 Roll 7 Photo 20	IMG_0010
154	Img_0389/90	Post-It Note Covering	CAF001 ... 22	IMG_0004



People's Exhibit #	LFA - Lake County Clerk Evidence Photo #'s	Text on Photo Back	Identifier Label (if any)	Source File Name
155	Img_0391/2	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07 15329 5303 <14> IMG0017	CAF001 Roll 7 Photo 10	Roll17_0009
156	Img_0393/4	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07 15329 5303 <13> IMG0016	CAF001 Roll 7 Photo 11	Roll17_0010
157	Img_0395/6	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5303 <12> IMG0015	CAF001 Roll 7 Photo 12	Roll17_0011
158	Img_0397/8	Post-It Note Covering		Roll17_0013
159	Img_0399/400	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5301 <18> IMG0020	CAF001 Roll 5 Photo 7	Roll15_0007
160	Img_0401/2	Post-It Note Covering	CAF001 Roll 5 Photo 8	Roll15_0008
161	Img_0403/4	SA Marni Yang<PhotoCrimeScene 13		IMG_2311
162	Img_0405/6	Post-It Note Covering	CAF001 Roll 5 Photo 12	Roll15_0012
163	Img_0407/8	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5301 <12> IMG0014	CAF001 Roll 5 Photo 13	Roll15_0013
164	Img_0409/10	Post-It Note Covering		Roll15_0014
165	Img_0411/2	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5301 <8> IMG0010	CAF001 Roll 5 Photo 17	Roll15_0018
166	Img_0413/4	Post-It Note Covering Partial: SA Marni Yang<Photo		Roll15_0017
167	Img_0415/6	Post-It Note Covering	CAF001 Roll 5 Photo 20	Roll15_0019
168	Img_0417/8	SA Marni Yang + Extra<copy crop.		Source Unknown
169	Img_0419/20	Post-It Note Covering	CAF001 Roll 6 Photo 5	Roll16_0005
170	Img_0421/2	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5302 <9A> IMG0012	CAF001 Roll Photo 15	Roll16_0012
171	Img_0423/4	Post-It Note Covering	CAF001 Roll 6 Photo _	Roll16_0016
172	Img_0425/6	SA Marni Yang<PhotoCrimeScene 13		Roll15_0016
173	Img_0427/8	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5301 <3> IMG0005	CAF001 Roll 5 Photo 22	Roll15_0020

People's Exhibit #	LFA - Lake County Clerk Evidence Photo #'s	Text on Photo Back	Identifier Label (if any)	Source File Name
174	Img_0429/30	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5302 <22a> IMG0025	CAF001 Roll 6 Photo 2	Roll6_0002
175	Img_0431/2	Post-It Note Covering ? SA Marni Yang<PhotoCrimeScene? 14		IMG_2328
176	Img_0433/4	SA Marni Yang<PhotoCrimeScene 15		IMG_2334
177	Img_0435/6	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5300 <20A> IMG0023	CAF001 Roll 8 Photo 4	IND_0015
178	Img_0437/8/9	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5300 <18A> IMG0021	CAF001 Roll 8 Photo 6	IND_0014
179	Img_0440/1	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5300 <16A> IMG0019	CAF001 Roll 8 Photo 8	Roll8_0003
180	Img_0442/3	LAKE COUNTY TASK FORCE 10/5/2007 LCTF07-15329 5300 <13A> IMG0016	CAF001 Roll 8 Photo 11	IND_0017
181	Img_0444/5	SA Marni Yang<YangPhoto 052.jpg>		Source Unknown

After a thorough review of the People's Exhibit photographs, a source for three (3) Images cannot be positively determined and two images may have been edited:

- Exhibit 133 is a mid-range photograph of a parking lot with the silver Jeep owned by the Victim. Note: Exhibits 134 and 135 show closer views of the same vehicle.
- Exhibit 168 is a view of the Whole Foods plastic bag and Evidence Marker 11 on the kitchen floor with the imprinted message "SA Marni Yang + Extra<copy crop."
- Exhibit 147 is like IMG\_2222 but the bottom portion of the image has been cropped or eliminated from the printed image.
- Exhibit 181 is a view of the refrigerator in the Reuter kitchen. The item attached to the upper refrigerator door is visible in photographs taken early in the scene processing but has been removed in images taken later.

Based Exhibits 133 and 181, it is likely there was a third camera in use while the incident scene was being processed as indicated by the different file name pattern printed on the back of the Exhibit photographs. Further, the potential editing of Exhibit 147 and stated "crop" of Exhibit 168 advances the possibility of modification of other images.

The additional DPD images that reveal the use of a scale measuring the bullet hole entry to the kitchen wall and the other images with a trajectory rod and laser in use could be critically useful in conducting a trajectory analysis.

I reserve the right to amend or revise this memorandum if any additional information is revealed by further examination or study.

Respectfully submitted,

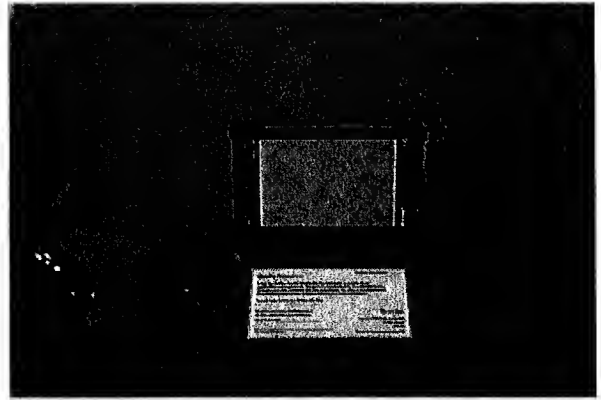
Arthur H. Borchers  
Forensic Associate

Attachments: Appendix A to K

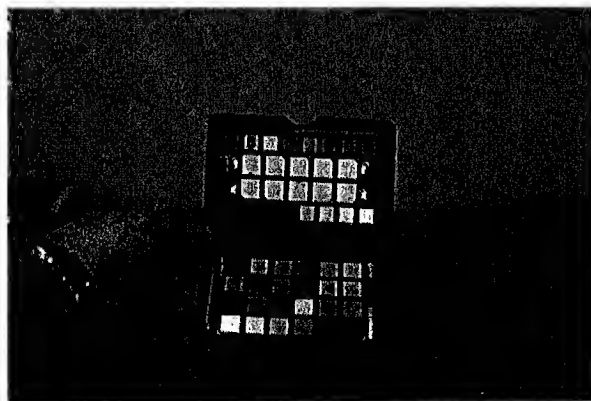
# 0620 Koelling 17 Lake County Clerk Trial Evidence



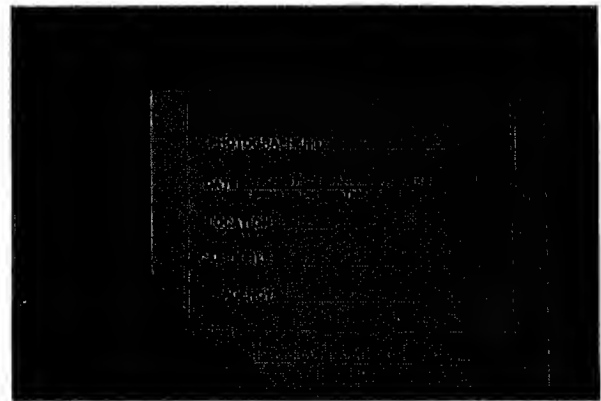
IMG\_0001.JPG  
Date & Time: 2018/03/22 10:42:22  
Exp. Info: ISO 200 / 1/60 s / f/5.6; File Size: 4,784 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: Identification Plate



IMG\_0002.JPG  
Date & Time: 2018/03/22 10:42:55  
Exp. Info: ISO 800 / 1/60 s / f/5.6; File Size: 4,324 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: Gray card



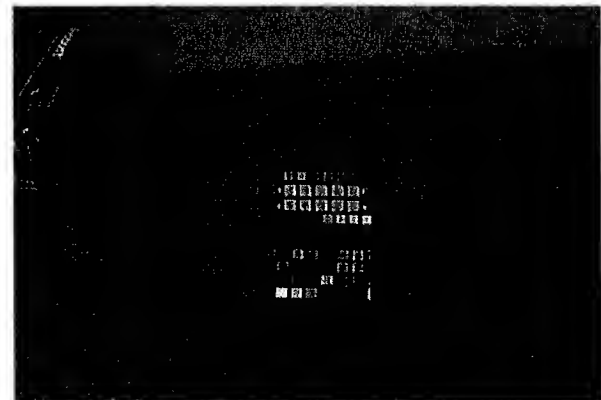
IMG\_0003.JPG  
Date & Time: 2018/03/22 10:43:02  
Exp. Info: ISO 1000 / 1/60 s / f/5.6; File Size: 4,786 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: Color Palette



IMG\_0004.JPG  
Date & Time: 2018/03/22 10:44:01  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 4,556 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: Identification Plate



IMG\_0005.JPG  
Date & Time: 2018/03/22 10:44:31  
Exp. Info: ISO 160 / 1/60 s / f/5.6; File Size: 5,239 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: gray card



IMG\_0006.JPG  
Date & Time: 2018/03/22 10:44:40  
Exp. Info: ISO 320 / 1/60 s / f/5.6; File Size: 5,409 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: Color Palette

# 0620 Koelling 17

## Lake County Clerk Trial Evidence



IMG\_0007.JPG  
Date & Time: 2018/03/22 10:45:47  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 4,750 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 260 female diagram board



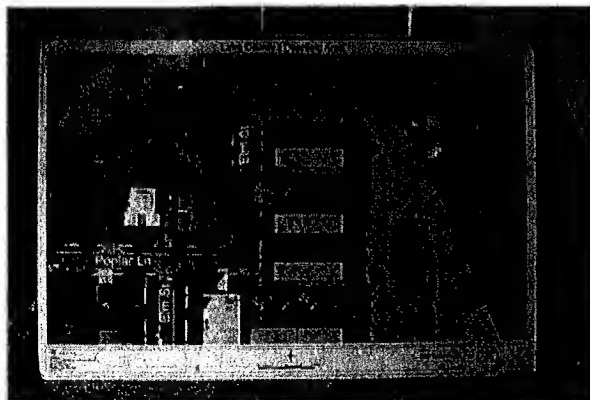
IMG\_0008.JPG  
Date & Time: 2018/03/22 10:46:28  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 5,025 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 260 CU tag



IMG\_0009.JPG  
Date & Time: 2018/03/22 10:47:06  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 4,718 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 326 chld diagram board



IMG\_0010.JPG  
Date & Time: 2018/03/22 10:47:23  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 5,140 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 326 CU tag



IMG\_0011.JPG  
Date & Time: 2018/03/22 10:48:12  
Exp. Info: ISO 320 / 1/60 s / f/5.6; File Size: 6,353 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 329 aerial map board



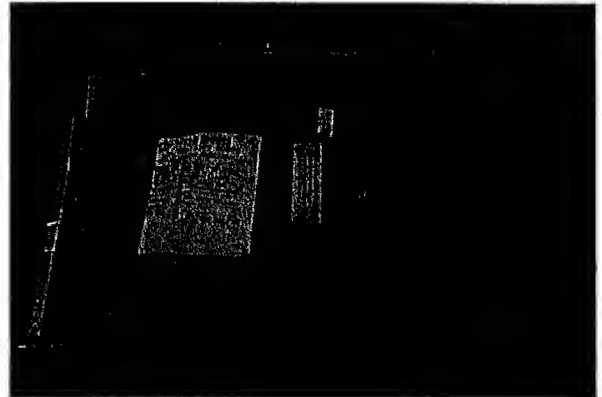
IMG\_0012.JPG  
Date & Time: 2018/03/22 10:48:42  
Exp. Info: ISO 100 / 1/60 s / f/5.6; File Size: 5,485 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: PE 329 CU tag

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0013.JPG

Date & Time: 2018/03/22 10:53:53  
Exp. Info: ISO 1250 / 1/60 s / f/5.6; File Size: 4,295 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: Closed K41 bin



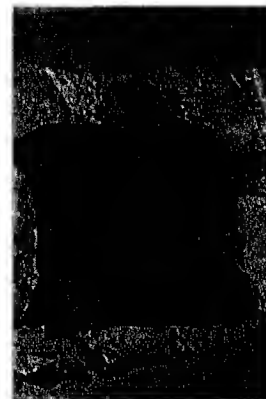
IMG\_0014.JPG

Date & Time: 2018/03/22 10:58:06  
Exp. Info: ISO 100 / 1/80 s / f/5.6; File Size: 5,879 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: PE 43 packaging



IMG\_0015.JPG

Date & Time: 2018/03/22 11:05:05  
Exp. Info: ISO 250 / 1/40 s / f/5.6; File Size: 6,672 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: PE 43 folded



IMG\_0016.JPG

Date & Time: 2018/03/22 11:05:48  
Exp. Info: ISO 320 / 1/40 s / f/5.6; File Size: 6,823 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: PE 43 back flat



IMG\_0017.JPG

Date & Time: 2018/03/22 11:06:21  
Exp. Info: ISO 200 / 1/40 s / f/5.6; File Size: 7,444 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: PE 43 front flat



IMG\_0018.JPG

Date & Time: 2018/03/22 11:06:34  
Exp. Info: ISO 500 / 1/50 s / f/5.6; File Size: 5,728 KB;  
Lens: EF24-105mm f/4L IS USM; Flash: Flash not fired;  
Caption: PE 43 paper inside exhibit

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0019.JPG

Date & Time: 2018/03/22 11:09:38  
Exp. Info: ISO 400 / 1/40 s / f/5.6; File Size: 10,707 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE near bottom center



IMG\_0020.JPG

Date & Time: 2018/03/22 11:09:55  
Exp. Info: ISO 250 / 1/40 s / f/5.6; File Size: 7,825 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE near bottom center w/scale



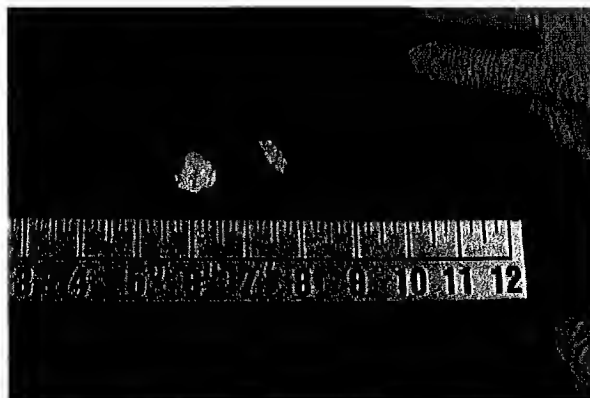
IMG\_0021.JPG

Date & Time: 2018/03/22 11:10:35  
Exp. Info: ISO 500 / 1/50 s / f/5.6; File Size: 12,377 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE R shoulder area



IMG\_0022.JPG

Date & Time: 2018/03/22 11:11:32  
Exp. Info: ISO 250 / 1/40 s / f/5.6; File Size: 7,949 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE R shoulder area w/scale



IMG\_0023.JPG

Date & Time: 2018/03/22 11:12:01  
Exp. Info: ISO 320 / 1/50 s / f/5.6; File Size: 7,570 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE R shoulder area w/scale white contrast



IMG\_0024.JPG

Date & Time: 2018/03/22 11:12:19  
Exp. Info: ISO 640 / 1/50 s / f/5.6; File Size: 7,665 KB;  
Lens: EF50mm f/1.4 USM; Flash: Flash not fired;  
Caption: BHE R shoulder area w/scale white contrast

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0025.JPG

Date & Time: 2018/03/22 11:17:26  
Exp. Info: ISO 125 / 1/40 s / f/5.6; File Size: 5,029 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 monochrome



IMG\_0026.JPG

Date & Time: 2018/03/22 11:19:07  
Exp. Info: ISO 400 / 1/5 s / f/5.6; File Size: 1,055 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 1



IMG\_0027.JPG

Date & Time: 2018/03/22 11:19:16  
Exp. Info: ISO 400 / 59.8 s / f/5.6; File Size: 2,877 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 2



IMG\_0028.JPG

Date & Time: 2018/03/22 11:21:05  
Exp. Info: ISO 400 / 89.7 s / f/5.6; File Size: 3,139 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 3



IMG\_0029.JPG

Date & Time: 2018/03/22 11:25:28  
Exp. Info: ISO 400 / 89.8 s / f/5.6; File Size: 2,937 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 4



IMG\_0030.JPG

Date & Time: 2018/03/22 11:29:06  
Exp. Info: ISO 400 / 119.7 s / f/5.6; File Size: 3,272 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 5



**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0031.JPG

Date & Time: 2018/03/22 11:31:46  
Exp. Info: ISO 3200 / 59.8 s / f/5.6; File Size: 5,865 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 IR Attempt 6



IMG\_0032.JPG

Date & Time: 2018/03/22 11:38:41  
Exp. Info: ISO 3200 / 1/1250 s / f/8; File Size: 5,555 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 resealed monochrome



IMG\_0033.JPG

Date & Time: 2018/03/22 11:39:08  
Exp. Info: ISO 3200 / 1/1250 s / f/8; File Size: 6,361 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 resealed color



IMG\_0034.JPG

Date & Time: 2018/03/22 11:39:50  
Exp. Info: ISO 3200 / 1/1600 s / f/8; File Size: 5,558 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 packaging



IMG\_0035.JPG

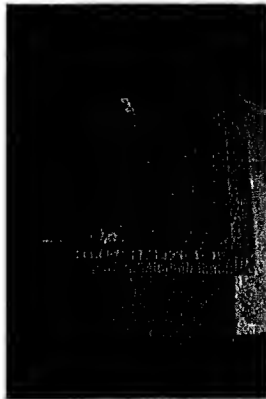
Date & Time: 2018/03/22 11:39:59  
Exp. Info: ISO 3200 / 1/1600 s / f/8; File Size: 5,676 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 packaging DUP



IMG\_0036.JPG

Date & Time: 2018/03/22 11:40:17  
Exp. Info: ISO 3200 / 1/2000 s / f/8; File Size: 5,499 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 contents & package

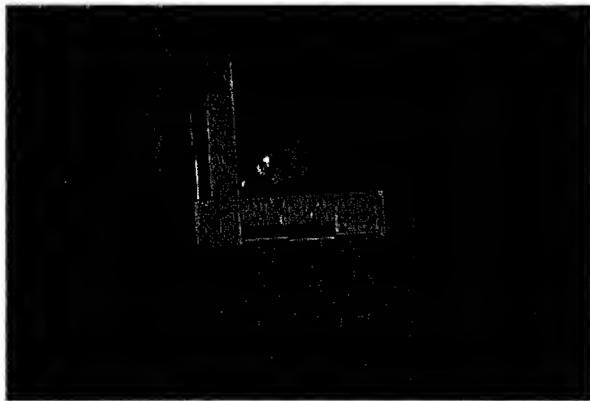
0620 Koelling 17  
Lake County Clerk Trial Evidence



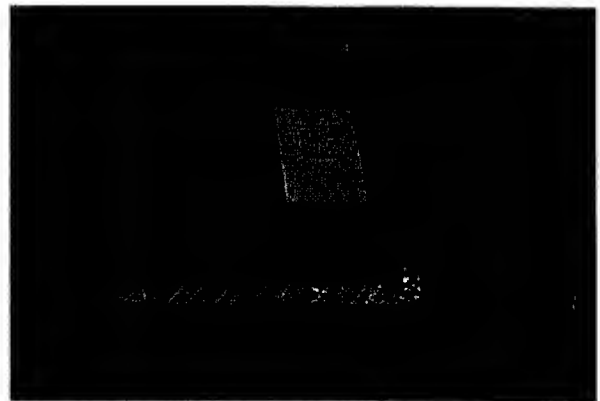
IMG\_0037.JPG  
Date & Time: 2018/03/22 11:41:36  
Exp. Info: ISO 3200 / 1/1250 s / f/8; File Size: 6,078 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 floor tile w/scale



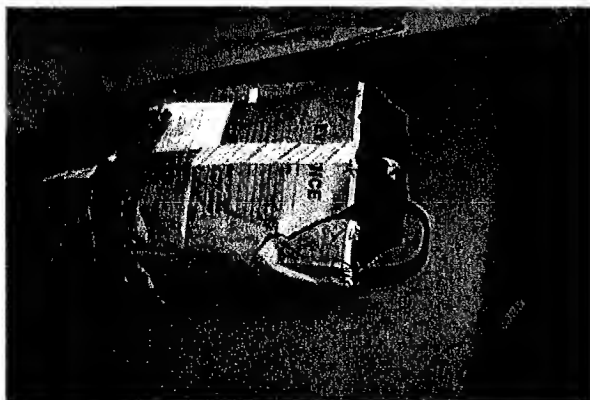
IMG\_0038.JPG  
Date & Time: 2018/03/22 11:42:18  
Exp. Info: ISO 3200 / 1/2000 s / f/8; File Size: 5,503 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 BHE floor tile w/ L scale



IMG\_0039.JPG  
Date & Time: 2018/03/22 11:42:28  
Exp. Info: ISO 3200 / 1/2000 s / f/8; File Size: 6,575 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 BHE floor tile w/ L scale



IMG\_0040.JPG  
Date & Time: 2018/03/22 11:46:09  
Exp. Info: ISO 3200 / 1/2000 s / f/8; File Size: 6,385 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 41 reselaed



IMG\_0041.JPG  
Date & Time: 2018/03/22 11:48:56  
Exp. Info: ISO 3200 / 1/180 s / f/8; File Size: 6,955 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 package



IMG\_0042.JPG  
Date & Time: 2018/03/22 11:50:13  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,595 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 black bag

0620 Koelling 17  
Lake County Clerk Trial Evidence



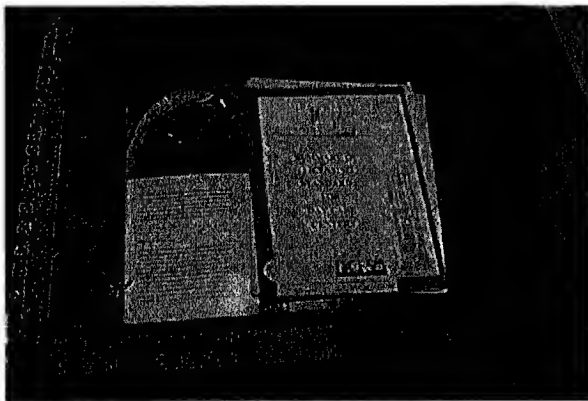
IMG\_0043.JPG

Date & Time: 2018/03/22 11:50:24  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,605 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 black bag w/scale



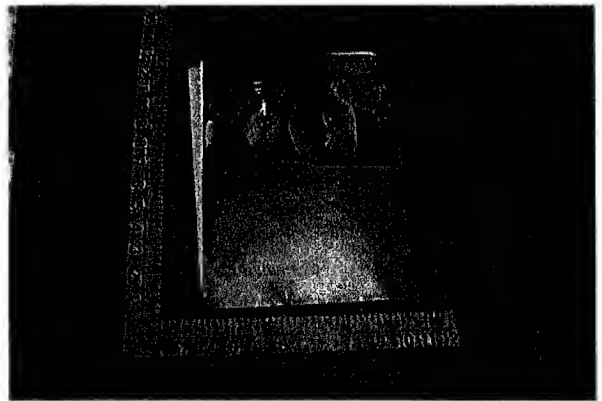
IMG\_0044.JPG

Date & Time: 2018/03/22 11:51:02  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,359 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



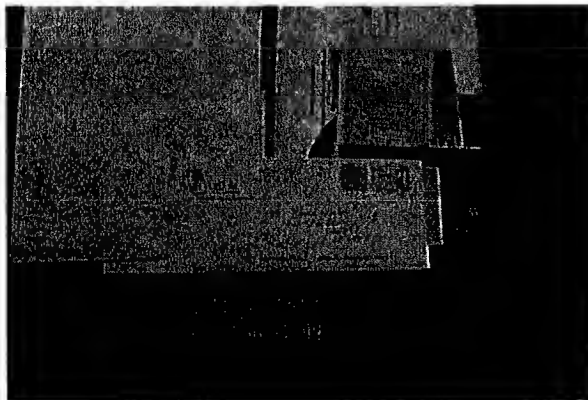
IMG\_0045.JPG

Date & Time: 2018/03/22 11:51:53  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,833 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



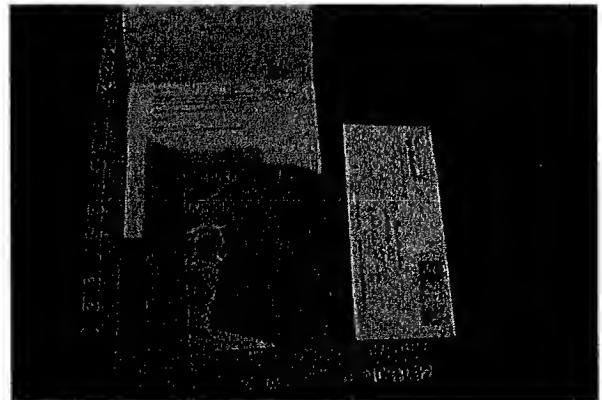
IMG\_0046.JPG

Date & Time: 2018/03/22 11:52:26  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,416 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0047.JPG

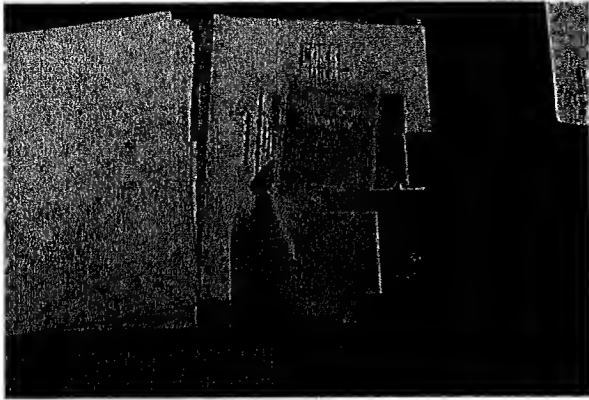
Date & Time: 2018/03/22 11:52:43  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,592 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



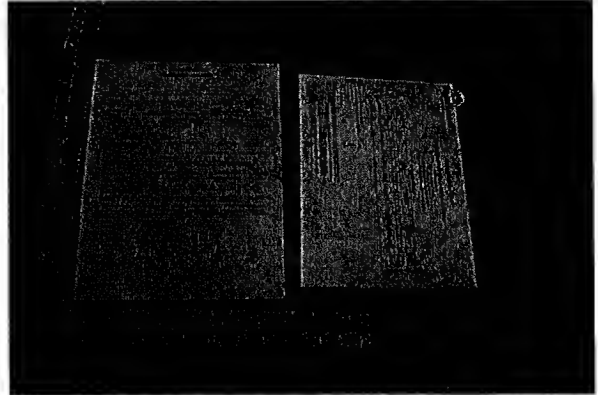
IMG\_0048.JPG

Date & Time: 2018/03/22 11:53:31  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,597 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

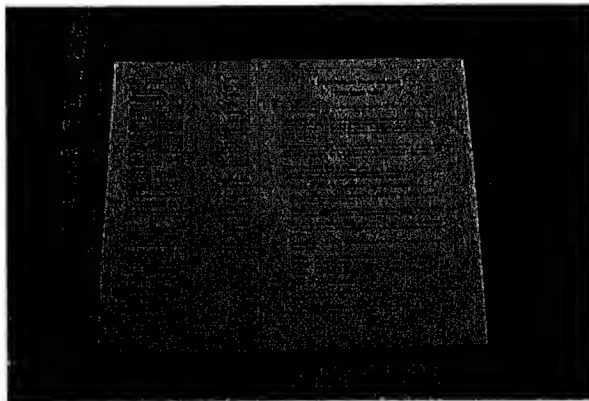
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



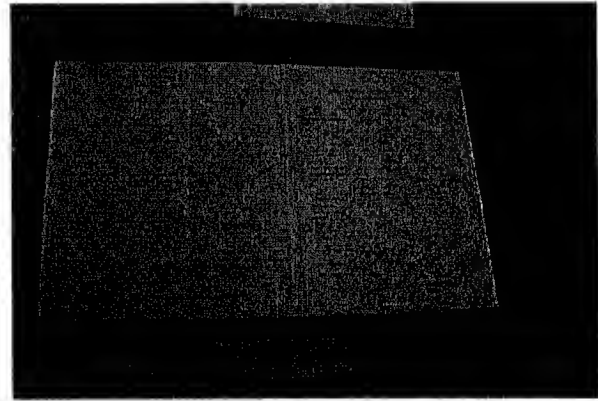
IMG\_0049.JPG  
Date & Time: 2018/03/22 11:54:04  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,968 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



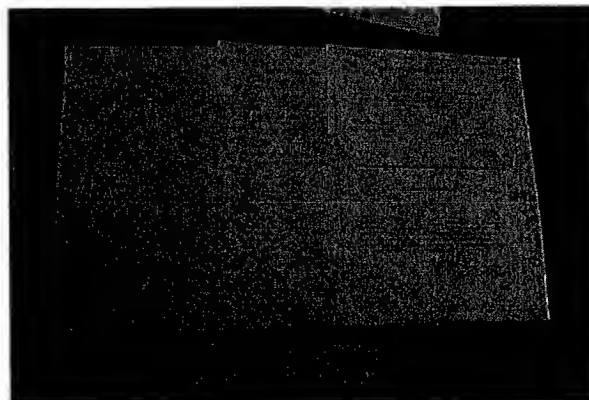
IMG\_0050.JPG  
Date & Time: 2018/03/22 11:55:18  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,590 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



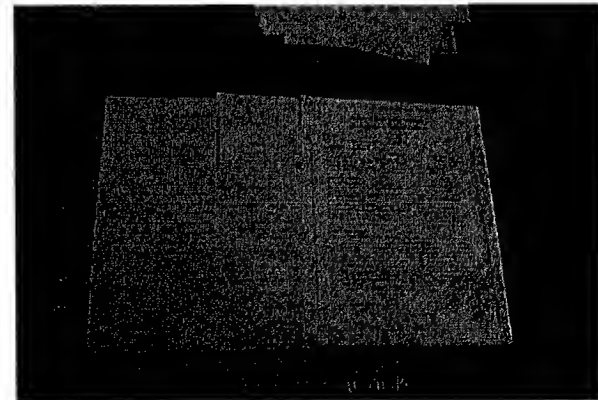
IMG\_0051.JPG  
Date & Time: 2018/03/22 11:55:44  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 6,044 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0052.JPG  
Date & Time: 2018/03/22 11:55:59  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,716 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

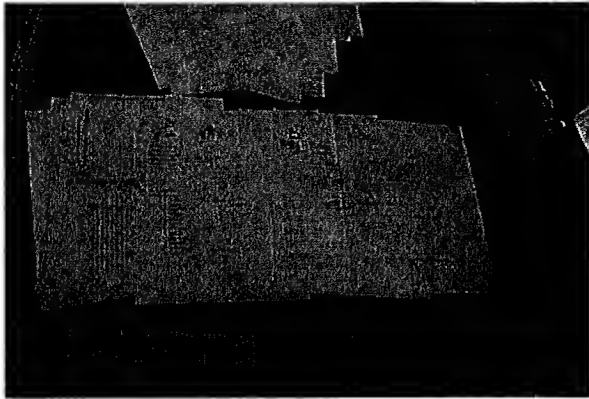


IMG\_0053.JPG  
Date & Time: 2018/03/22 11:56:11  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,307 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



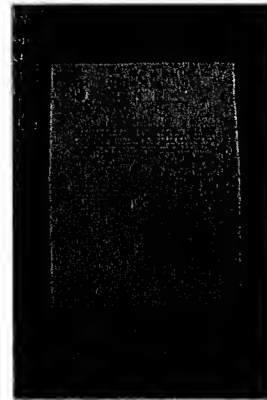
IMG\_0054.JPG  
Date & Time: 2018/03/22 11:56:38  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 5,375 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



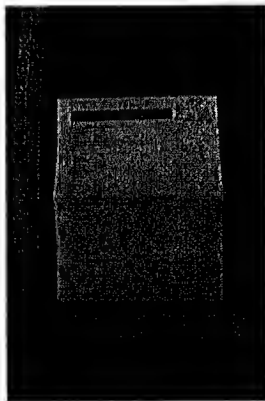
IMG\_0055.JPG

Date & Time: 2018/03/22 11:57:13  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 4,971 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



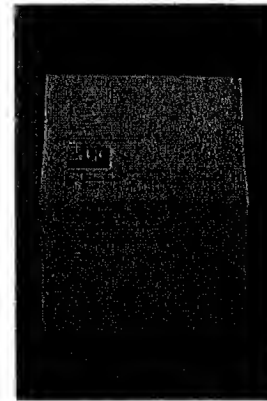
IMG\_0056.JPG

Date & Time: 2018/03/22 11:58:37  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,400 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0057.JPG

Date & Time: 2018/03/22 11:59:26  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,094 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



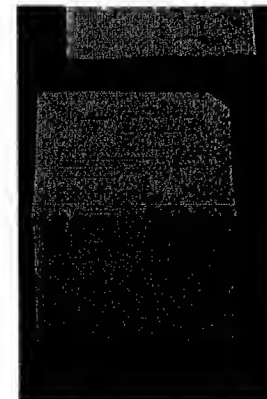
IMG\_0058.JPG

Date & Time: 2018/03/22 11:59:54  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,157 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0059.JPG

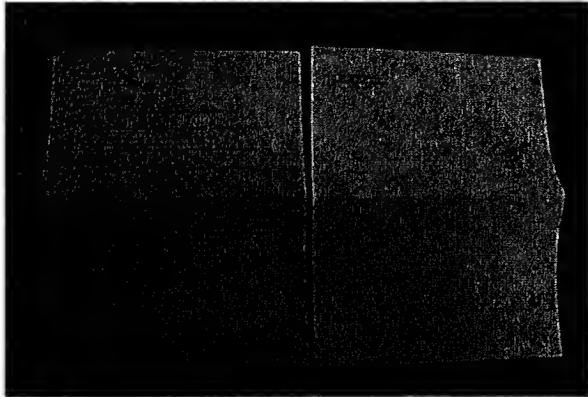
Date & Time: 2018/03/22 12:00:09  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,744 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0060.JPG

Date & Time: 2018/03/22 12:00:19  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,610 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

0620 Koelling 17  
Lake County Clerk Trial Evidence



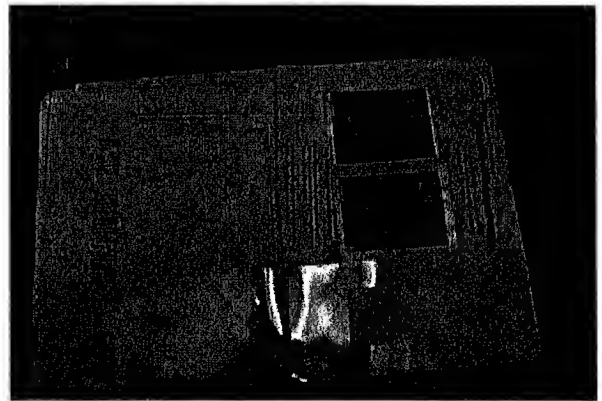
IMG\_0061.JPG  
Date & Time: 2018/03/22 12:00:37  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,628 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



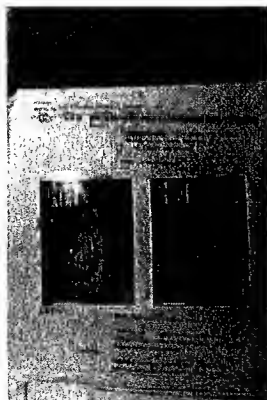
IMG\_0062.JPG  
Date & Time: 2018/03/22 12:01:02  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,886 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



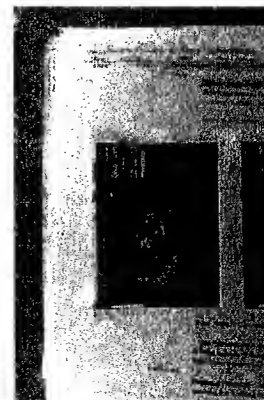
IMG\_0063.JPG  
Date & Time: 2018/03/22 12:01:30  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,914 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0064.JPG  
Date & Time: 2018/03/22 12:01:56  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,154 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

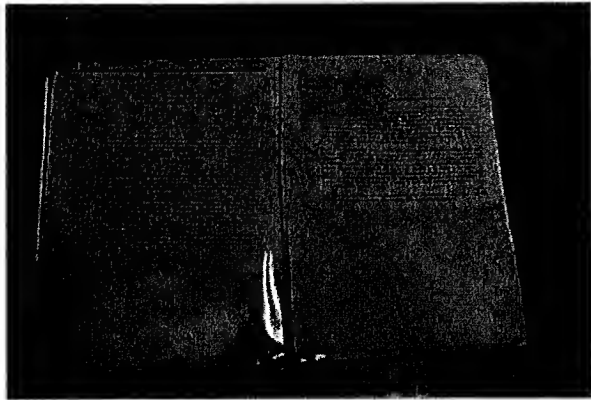


IMG\_0065.JPG  
Date & Time: 2018/03/22 12:02:13  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 4,858 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

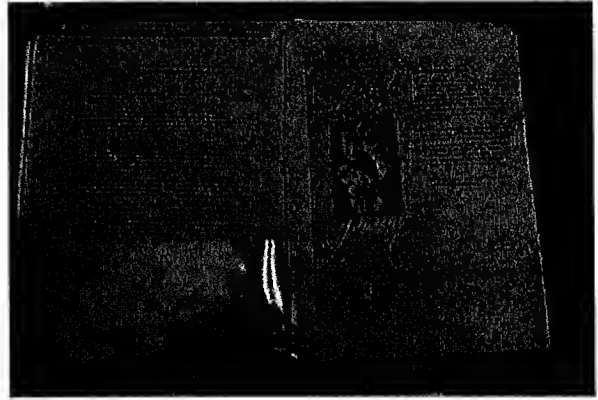


IMG\_0066.JPG  
Date & Time: 2018/03/22 12:02:24  
Exp. Info: / / ; File Size: 4,257 KB;  
Lens: ; Flash: ;  
Caption: PE 46 Contents

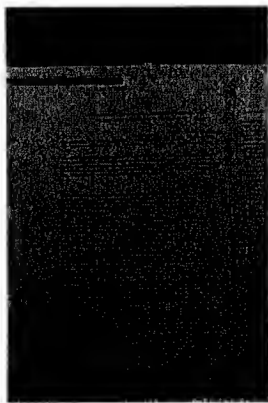
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0067.JPG  
Date & Time: 2018/03/22 12:03:13  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,823 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



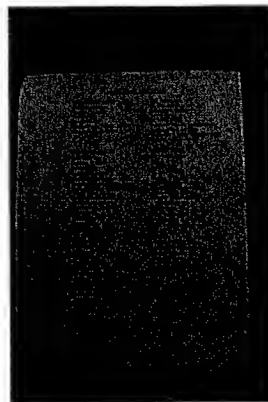
IMG\_0068.JPG  
Date & Time: 2018/03/22 12:03:25  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 5,592 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0069.JPG  
Date & Time: 2018/03/22 12:03:50  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,591 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0070.JPG  
Date & Time: 2018/03/22 12:04:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,811 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0071.JPG  
Date & Time: 2018/03/22 12:05:05  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,080 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0072.JPG  
Date & Time: 2018/03/22 12:05:39  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,435 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



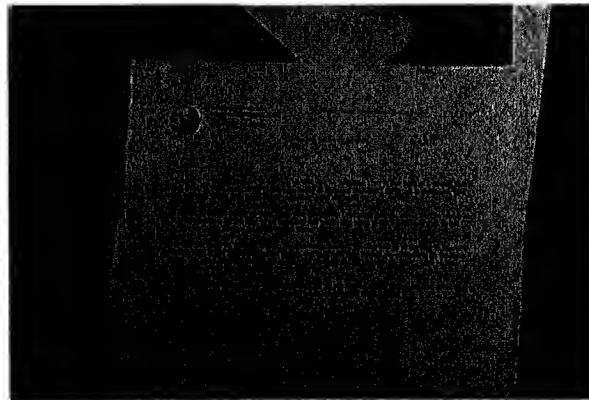
IMG\_0073.JPG  
Date & Time: 2018/03/22 12:05:54  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,414 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0074.JPG  
Date & Time: 2018/03/22 12:05:59  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,772 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0075.JPG  
Date & Time: 2018/03/22 12:06:24  
Exp. Info: / / ; File Size: 6,616 KB;  
Lens: ; Flash: ;  
Caption: PE 46 Contents



IMG\_0076.JPG  
Date & Time: 2018/03/22 12:07:10  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,918 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



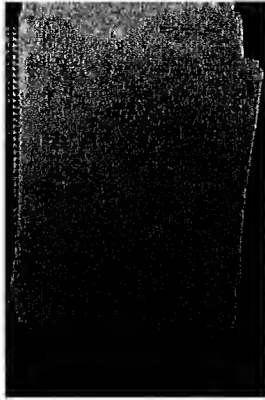
IMG\_0077.JPG  
Date & Time: 2018/03/22 12:07:32  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,361 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



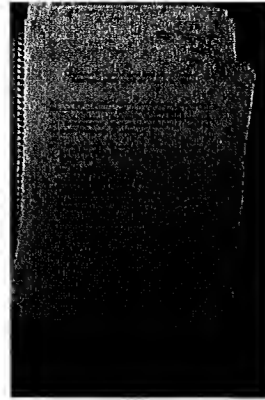
IMG\_0078.JPG  
Date & Time: 2018/03/22 12:07:47  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,924 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



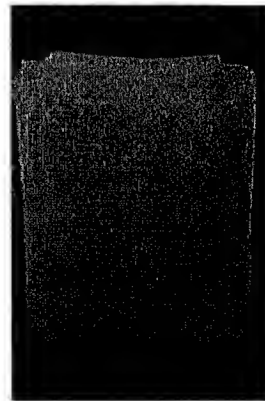
IMG\_0079.JPG  
Date & Time: 2018/03/22 12:08:12  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,172 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



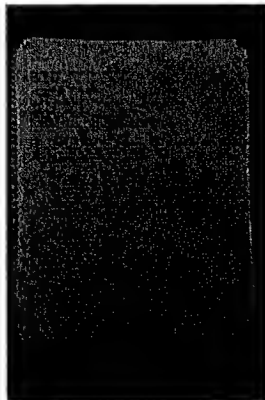
IMG\_0080.JPG  
Date & Time: 2018/03/22 12:08:43  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,515 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



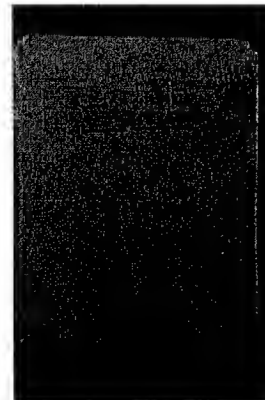
IMG\_0081.JPG  
Date & Time: 2018/03/22 12:09:02  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,751 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0082.JPG  
Date & Time: 2018/03/22 12:09:35  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,717 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

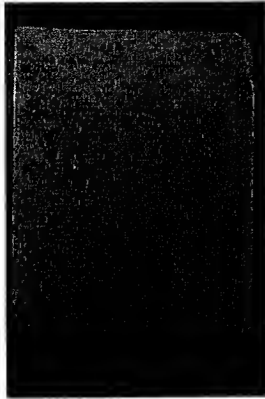


IMG\_0083.JPG  
Date & Time: 2018/03/22 12:09:53  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,996 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0084.JPG  
Date & Time: 2018/03/22 12:10:16  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,237 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0085.JPG  
Date & Time: 2018/03/22 12:10:44  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,813 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



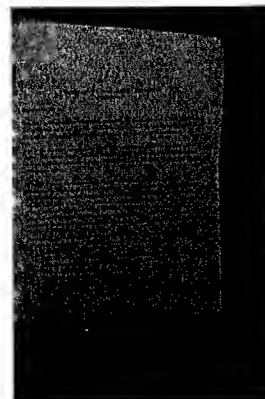
IMG\_0086.JPG  
Date & Time: 2018/03/22 12:10:49  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,161 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0087.JPG  
Date & Time: 2018/03/22 12:10:57  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,156 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0088.JPG  
Date & Time: 2018/03/22 12:11:03  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,165 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

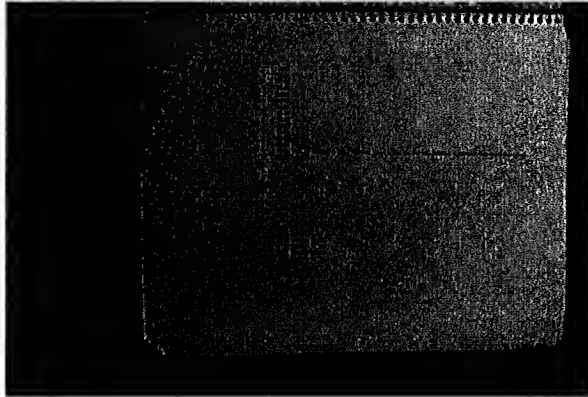


IMG\_0089.JPG  
Date & Time: 2018/03/22 12:11:12  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,758 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0090.JPG  
Date & Time: 2018/03/22 12:11:28  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,466 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

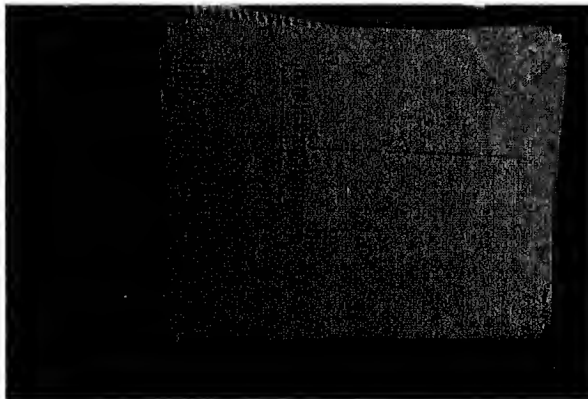
0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0091.JPG  
Date & Time: 2018/03/22 12:11:47  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,550 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



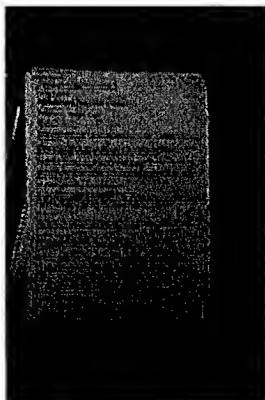
IMG\_0092.JPG  
Date & Time: 2018/03/22 12:11:58  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,176 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0093.JPG  
Date & Time: 2018/03/22 12:12:06  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,252 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0094.JPG  
Date & Time: 2018/03/22 12:12:22  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,005 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

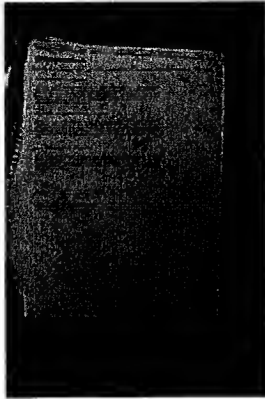


IMG\_0095.JPG  
Date & Time: 2018/03/22 12:12:31  
Exp. Info: / / ; File Size: 5,243 KB;  
Lens: ; Flash: ;  
Caption: PE 46 Contents



IMG\_0096.JPG  
Date & Time: 2018/03/22 12:12:37  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,042 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



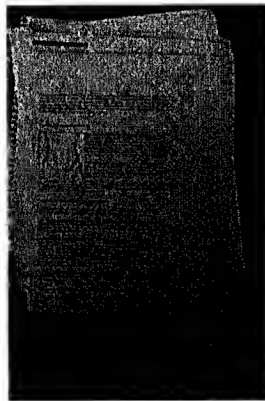
IMG\_0097.JPG

Date & Time: 2018/03/22 12:12:48  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,526 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



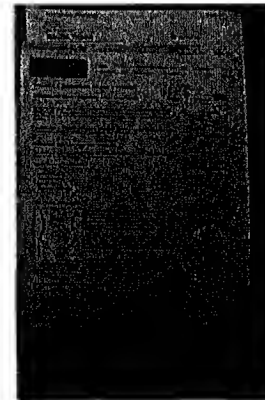
IMG\_0098.JPG

Date & Time: 2018/03/22 12:12:55  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,338 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



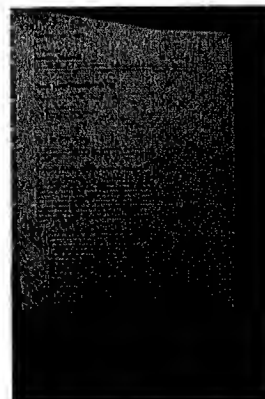
IMG\_0099.JPG

Date & Time: 2018/03/22 12:13:02  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,905 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



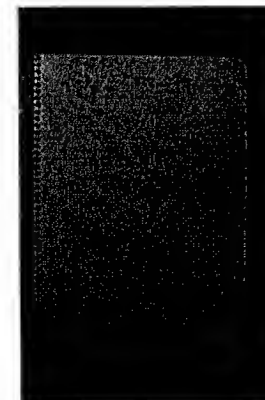
IMG\_0100.JPG

Date & Time: 2018/03/22 12:13:11  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,104 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0101.JPG

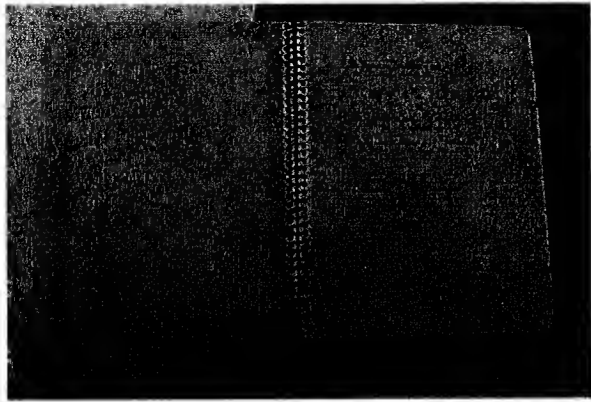
Date & Time: 2018/03/22 12:13:24  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,656 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



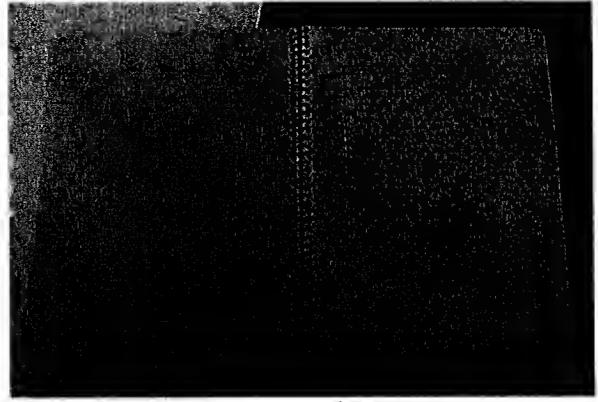
IMG\_0102.JPG

Date & Time: 2018/03/22 12:13:39  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,390 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

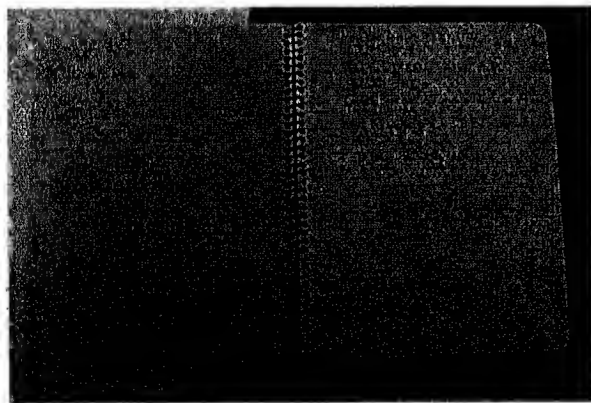
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



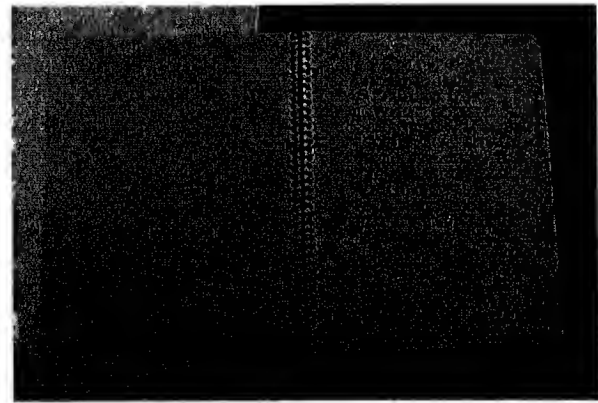
IMG\_0103.JPG  
Date & Time: 2018/03/22 12:14:01  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,947 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0104.JPG  
Date & Time: 2018/03/22 12:14:17  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,101 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



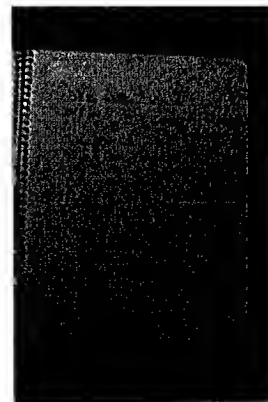
IMG\_0105.JPG  
Date & Time: 2018/03/22 12:14:29  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,279 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0106.JPG  
Date & Time: 2018/03/22 12:14:44  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,225 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

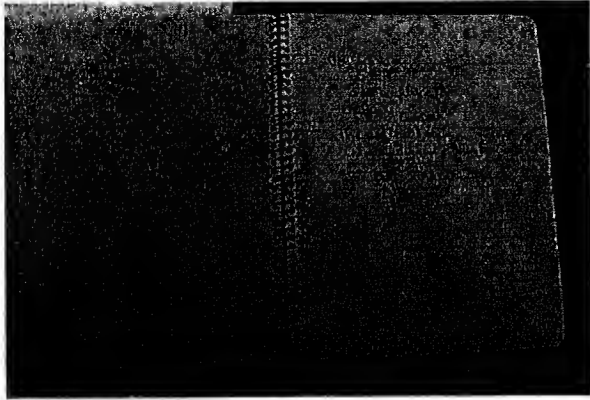


IMG\_0107.JPG  
Date & Time: 2018/03/22 12:14:59  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,102 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

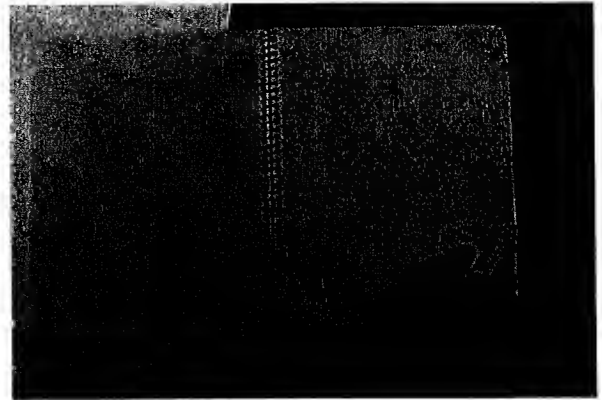


IMG\_0108.JPG  
Date & Time: 2018/03/22 12:15:03  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,220 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

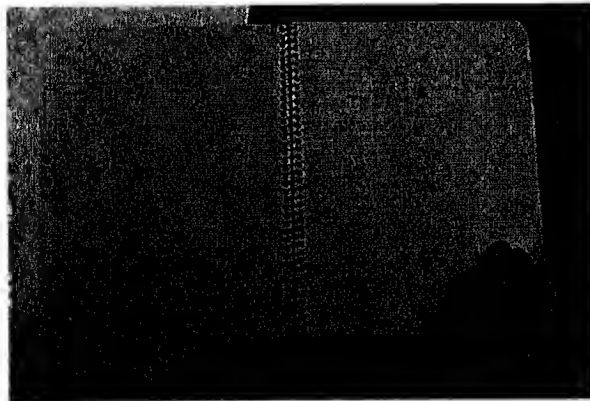
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



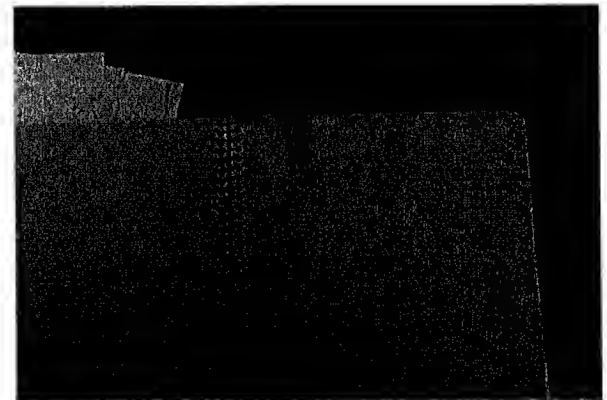
IMG\_0109.JPG  
Date & Time: 2018/03/22 12:15:15  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,205 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



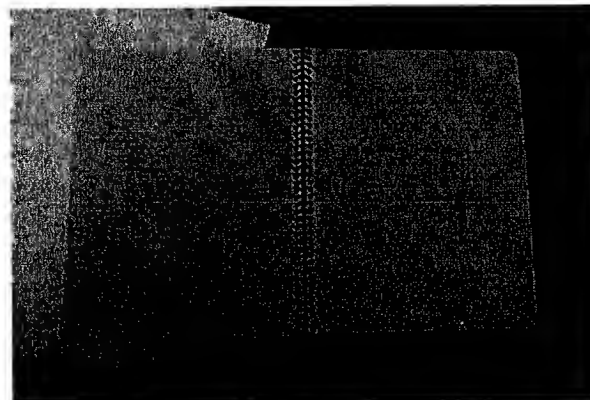
IMG\_0110.JPG  
Date & Time: 2018/03/22 12:15:58  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,628 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



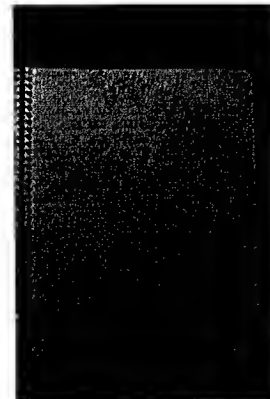
IMG\_0111.JPG  
Date & Time: 2018/03/22 12:16:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,961 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0112.JPG  
Date & Time: 2018/03/22 12:16:56  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,751 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

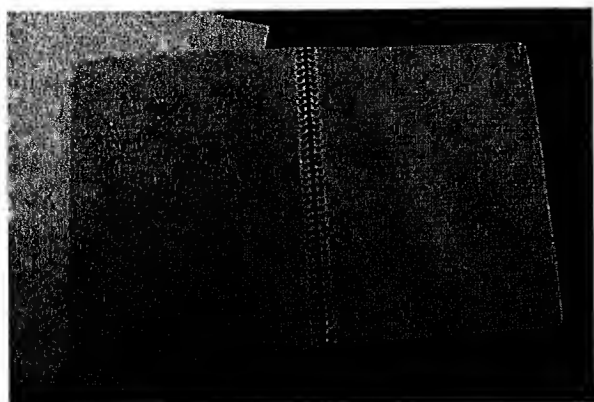


IMG\_0113.JPG  
Date & Time: 2018/03/22 12:17:34  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,952 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0114.JPG  
Date & Time: 2018/03/22 12:17:43  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,314 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

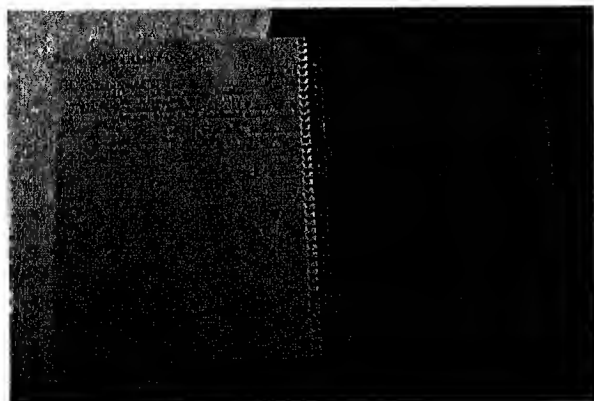
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



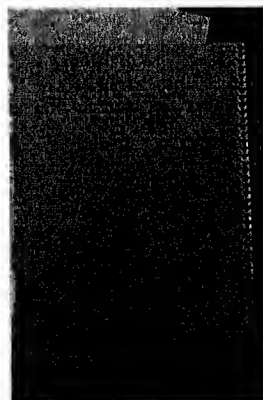
IMG\_0115.JPG  
Date & Time: 2018/03/22 12:17:52  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,901 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



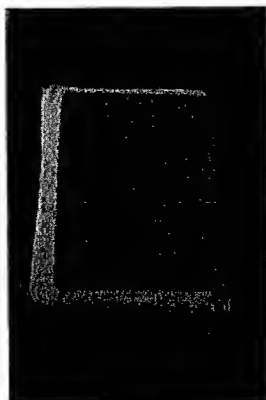
IMG\_0116.JPG  
Date & Time: 2018/03/22 12:17:57  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,996 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



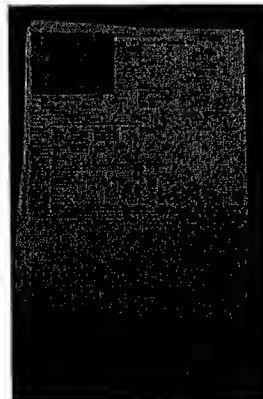
IMG\_0117.JPG  
Date & Time: 2018/03/22 12:18:36  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,278 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0118.JPG  
Date & Time: 2018/03/22 12:18:41  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,803 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0119.JPG  
Date & Time: 2018/03/22 12:18:55  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,737 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

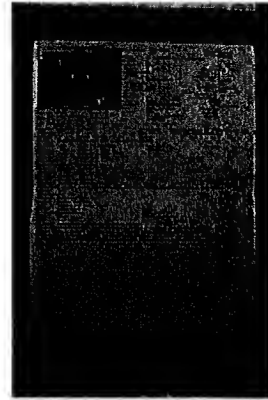


IMG\_0120.JPG  
Date & Time: 2018/03/22 12:20:07  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,304 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

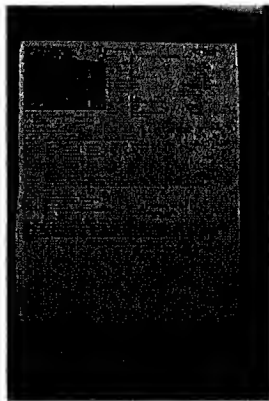
0620 Koelling 17  
Lake County Clerk Trial Evidence



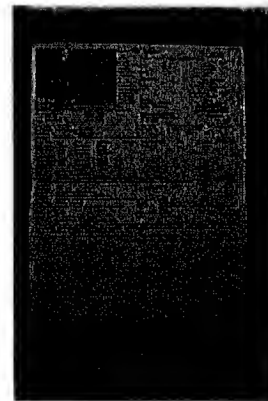
IMG\_0121.JPG  
Date & Time: 2018/03/22 12:20:17  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,262 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



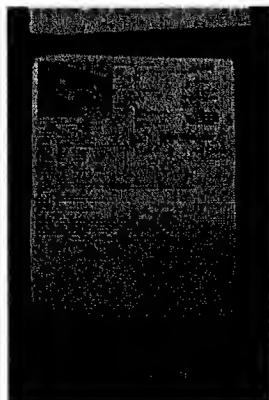
IMG\_0122.JPG  
Date & Time: 2018/03/22 12:20:27  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,432 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0123.JPG  
Date & Time: 2018/03/22 12:20:36  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,609 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0124.JPG  
Date & Time: 2018/03/22 12:20:44  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,860 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0125.JPG  
Date & Time: 2018/03/22 12:21:25  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,155 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

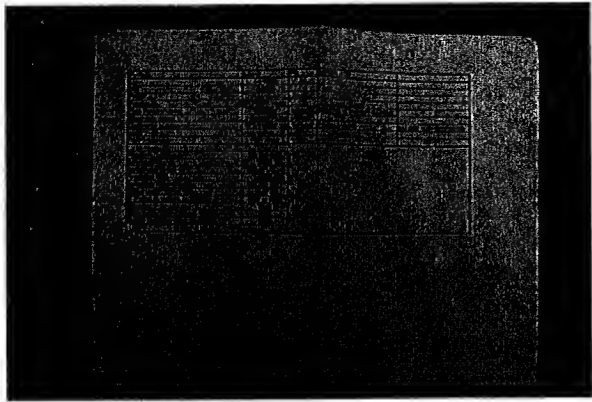


IMG\_0126.JPG  
Date & Time: 2018/03/22 12:21:42  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,433 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

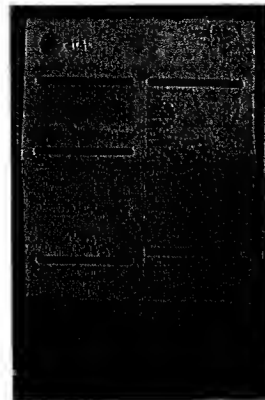


# 0620 Koelling 17

## Lake County Clerk Trial Evidence



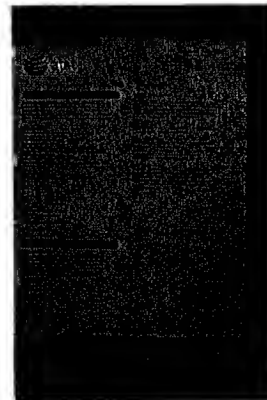
IMG\_0127.JPG  
Date & Time: 2018/03/22 12:22:08  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,023 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



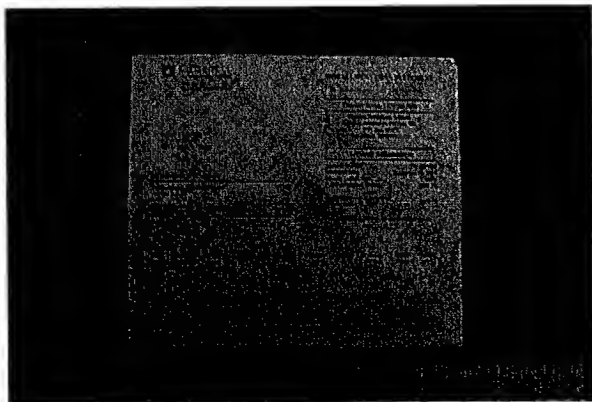
IMG\_0128.JPG  
Date & Time: 2018/03/22 12:23:01  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,312 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



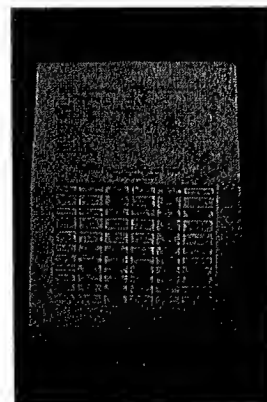
IMG\_0129.JPG  
Date & Time: 2018/03/22 12:23:07  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,683 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0130.JPG  
Date & Time: 2018/03/22 12:23:13  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,292 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

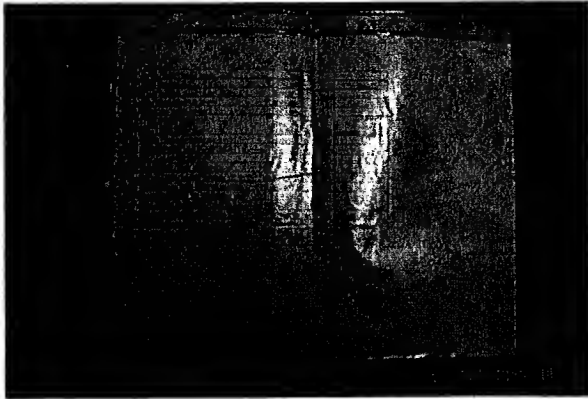


IMG\_0131.JPG  
Date & Time: 2018/03/22 12:23:47  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,671 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

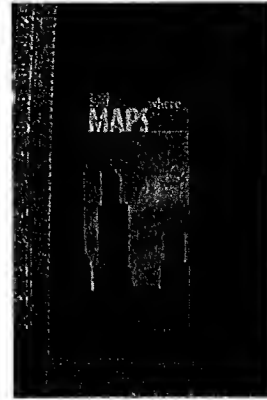


IMG\_0132.JPG  
Date & Time: 2018/03/22 12:24:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,443 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



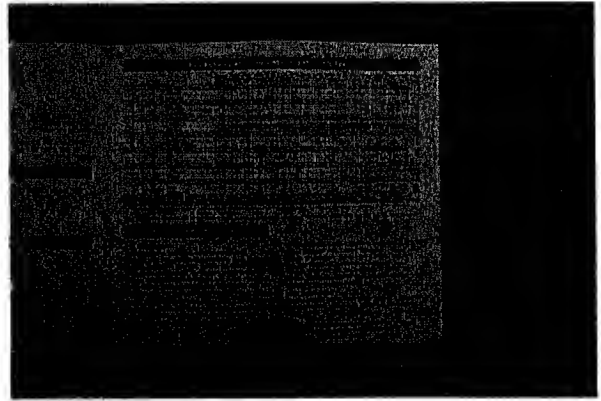
IMG\_0133.JPG  
Date & Time: 2018/03/22 12:24:48  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 6,243 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



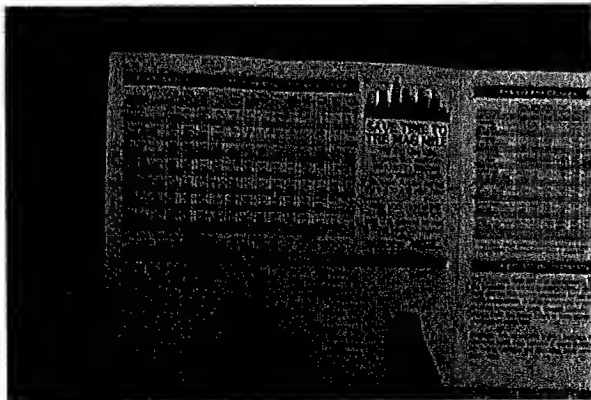
IMG\_0134.JPG  
Date & Time: 2018/03/22 12:25:22  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,135 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



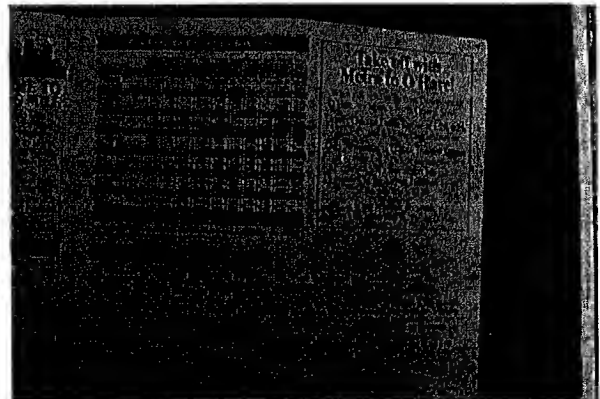
IMG\_0135.JPG  
Date & Time: 2018/03/22 12:25:37  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,236 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0136.JPG  
Date & Time: 2018/03/22 12:26:00  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,175 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

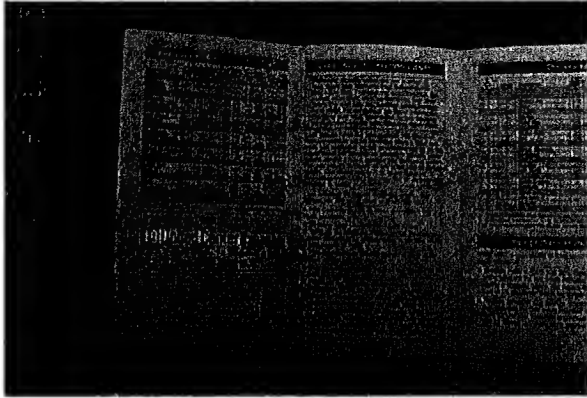


IMG\_0137.JPG  
Date & Time: 2018/03/22 12:26:08  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,312 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

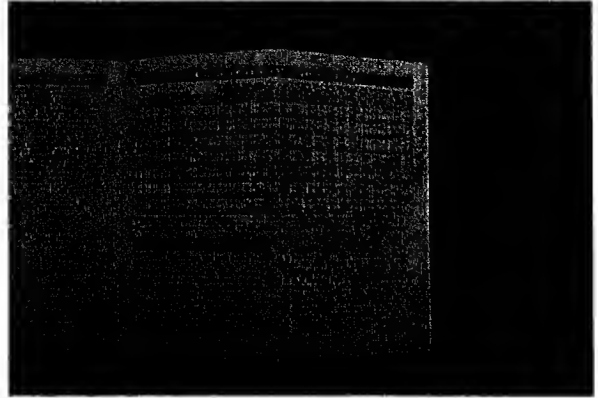


IMG\_0138.JPG  
Date & Time: 2018/03/22 12:26:12  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,545 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

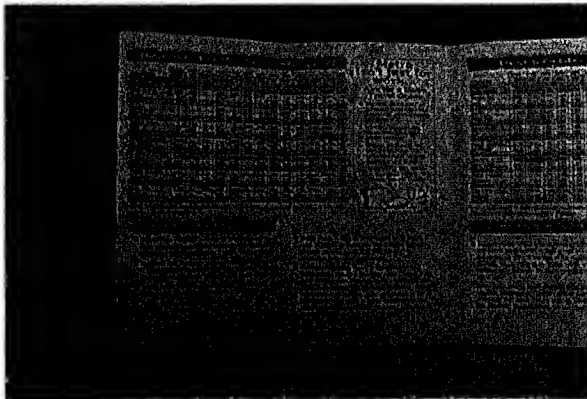
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



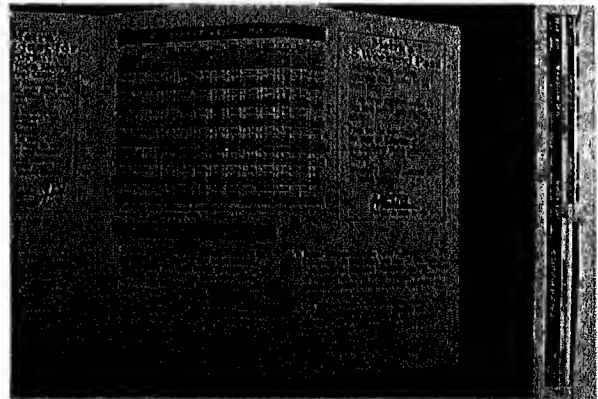
IMG\_0139.JPG  
Date & Time: 2018/03/22 12:26:43  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,905 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



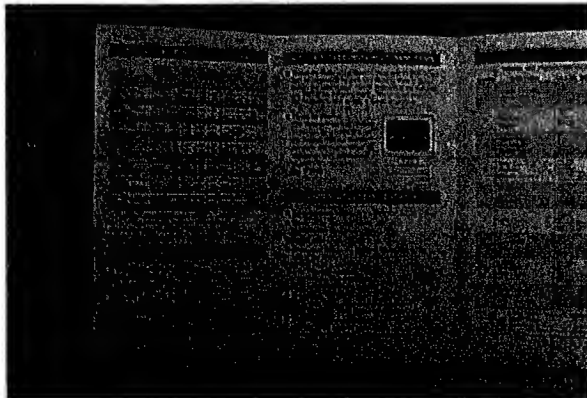
IMG\_0140.JPG  
Date & Time: 2018/03/22 12:26:50  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,154 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



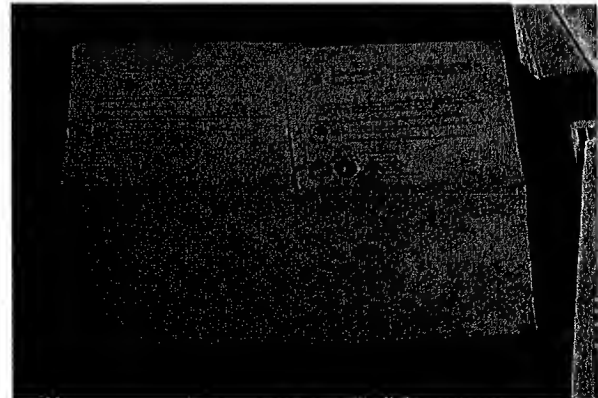
IMG\_0141.JPG  
Date & Time: 2018/03/22 12:27:03  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,868 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0142.JPG  
Date & Time: 2018/03/22 12:27:07  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,153 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0143.JPG  
Date & Time: 2018/03/22 12:27:21  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,078 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

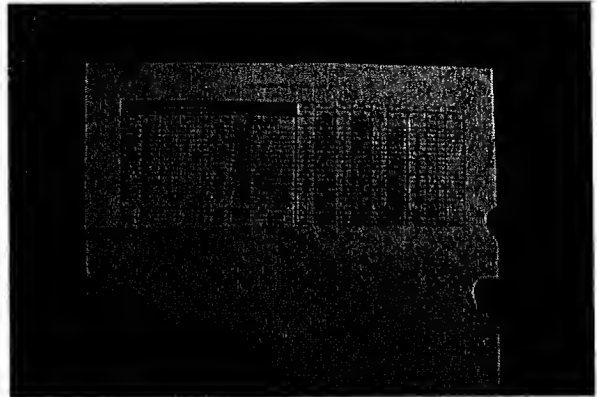


IMG\_0144.JPG  
Date & Time: 2018/03/22 12:28:07  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,956 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

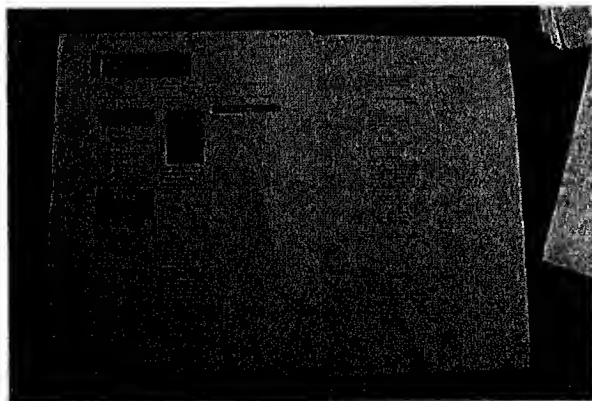
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



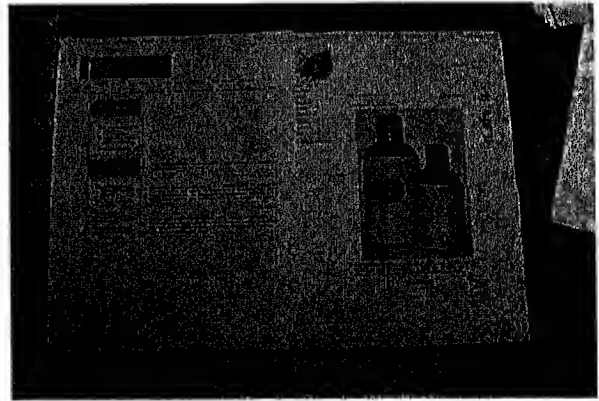
IMG\_0145.JPG  
Date & Time: 2018/03/22 12:28:19  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,291 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



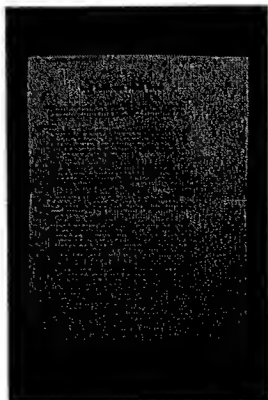
IMG\_0146.JPG  
Date & Time: 2018/03/22 12:29:21  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,224 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



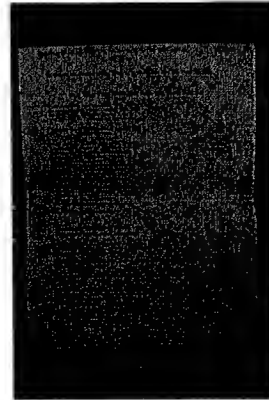
IMG\_0147.JPG  
Date & Time: 2018/03/22 12:30:12  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,016 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0148.JPG  
Date & Time: 2018/03/22 12:30:25  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,287 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0149.JPG  
Date & Time: 2018/03/22 12:31:50  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,487 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0150.JPG  
Date & Time: 2018/03/22 12:32:01  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,309 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0151.JPG

Date & Time: 2018/03/22 12:33:44  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,076 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0152.JPG

Date & Time: 2018/03/22 12:34:06  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 4,817 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



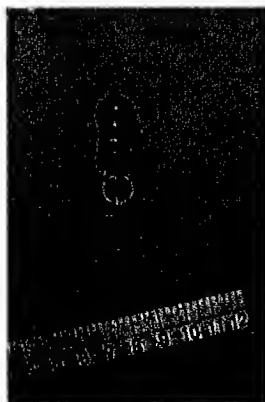
IMG\_0153.JPG

Date & Time: 2018/03/22 12:34:20  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,291 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0154.JPG

Date & Time: 2018/03/22 12:34:38  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,903 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0155.JPG

Date & Time: 2018/03/22 12:34:56  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,708 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



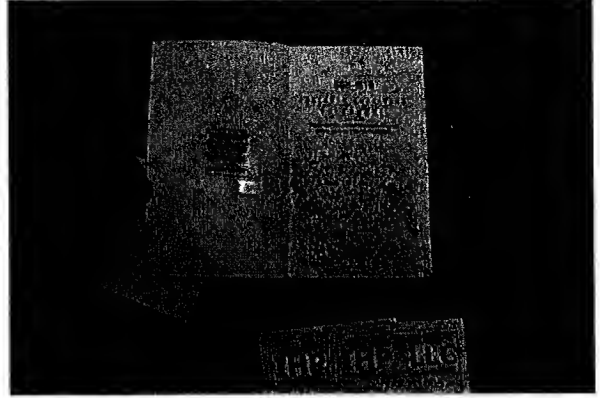
IMG\_0156.JPG

Date & Time: 2018/03/22 12:36:04  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,958 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

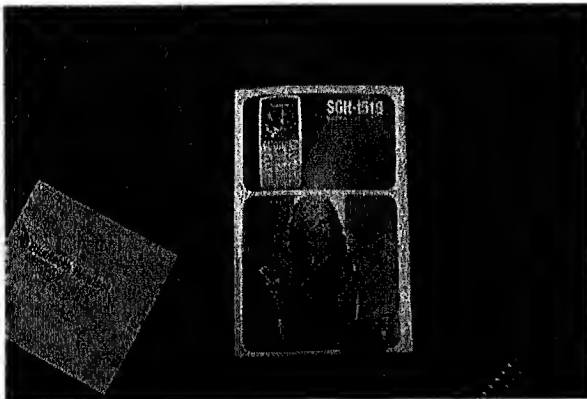
0620 Koelling 17  
Lake County Clerk Trial Evidence



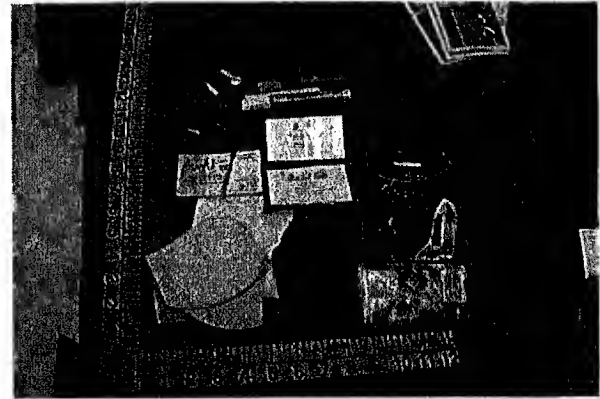
IMG\_0157.JPG  
Date & Time: 2018/03/22 12:36:32  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,313 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



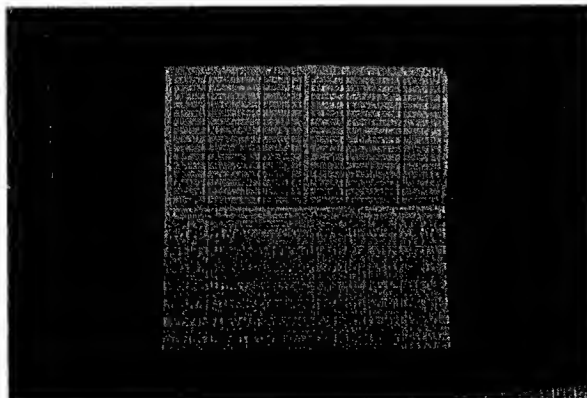
IMG\_0158.JPG  
Date & Time: 2018/03/22 12:36:40  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,684 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0159.JPG  
Date & Time: 2018/03/22 12:36:45  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,043 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0160.JPG  
Date & Time: 2018/03/22 12:38:58  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,891 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0161.JPG  
Date & Time: 2018/03/22 12:39:58  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,762 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

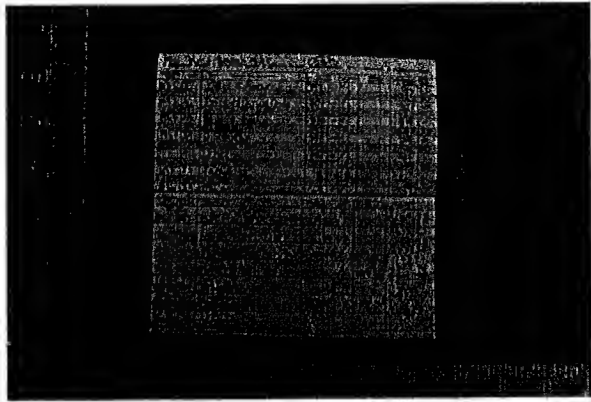


IMG\_0162.JPG  
Date & Time: 2018/03/22 12:40:15  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,417 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

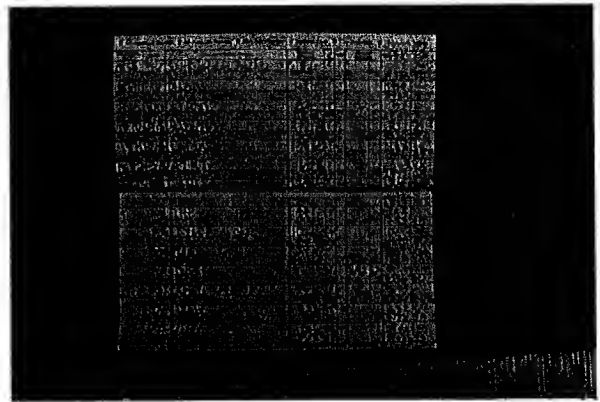


# 0620 Koelling 17

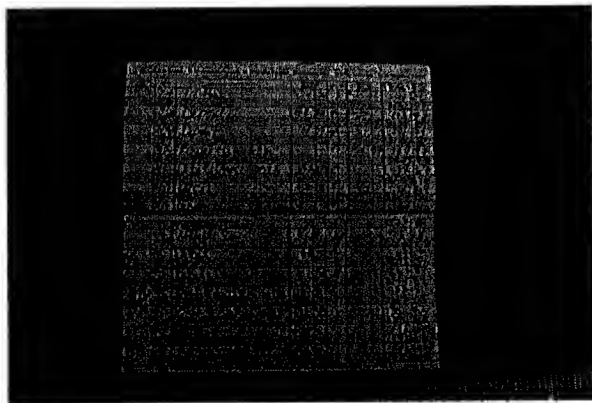
## Lake County Clerk Trial Evidence



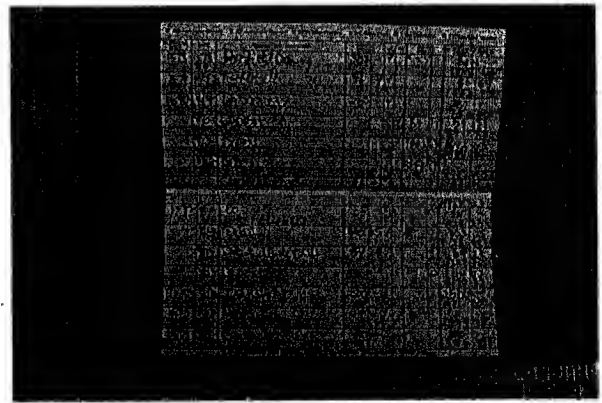
IMG\_0163.JPG  
Date & Time: 2018/03/22 12:40:31  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,399 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



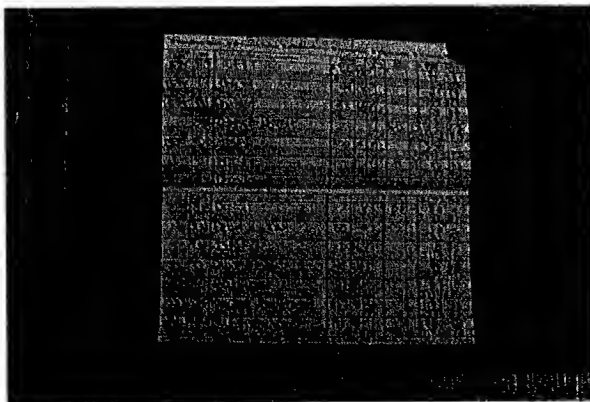
IMG\_0164.JPG  
Date & Time: 2018/03/22 12:40:50  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 7,747 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



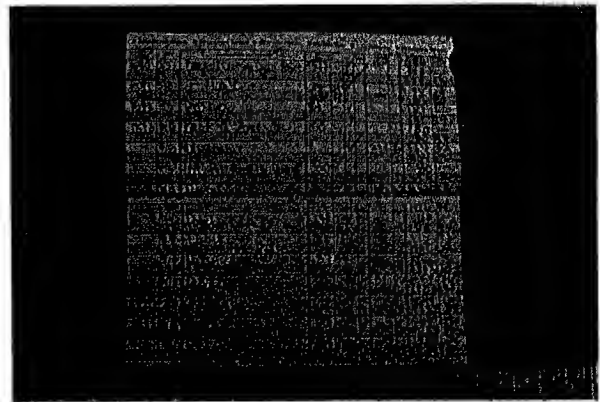
IMG\_0165.JPG  
Date & Time: 2018/03/22 12:41:20  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,446 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



IMG\_0166.JPG  
Date & Time: 2018/03/22 12:41:51  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,943 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

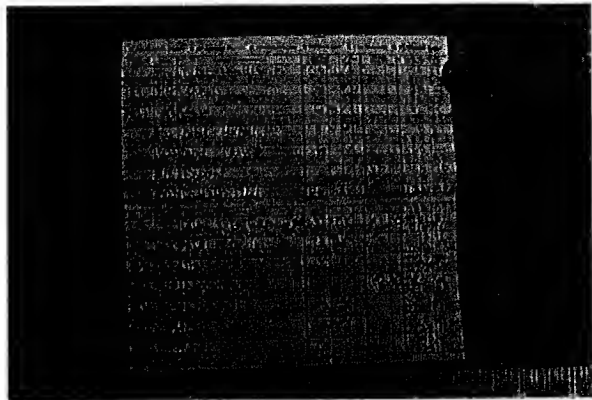


IMG\_0167.JPG  
Date & Time: 2018/03/22 12:42:16  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,878 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

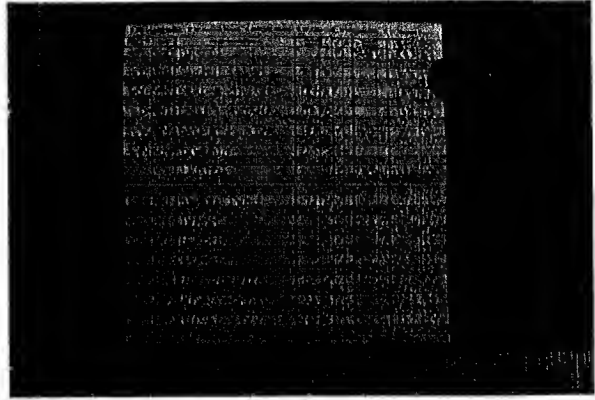


IMG\_0168.JPG  
Date & Time: 2018/03/22 12:42:29  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 7,220 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

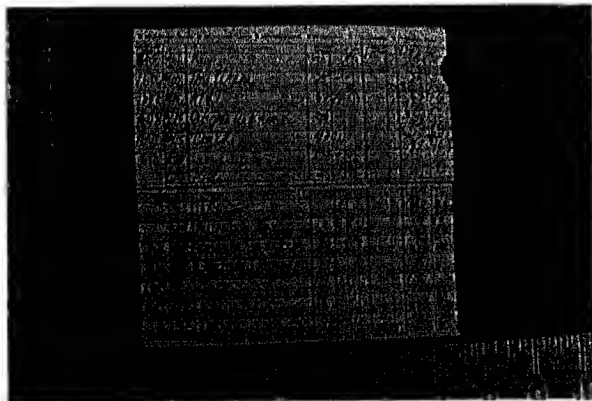
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



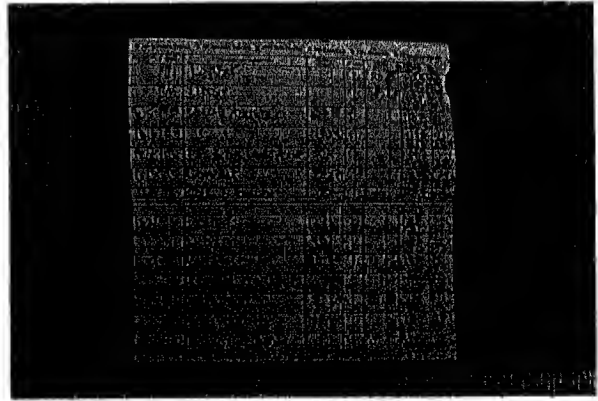
IMG\_0169.JPG  
Date & Time: 2018/03/22 12:42:47  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,201 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



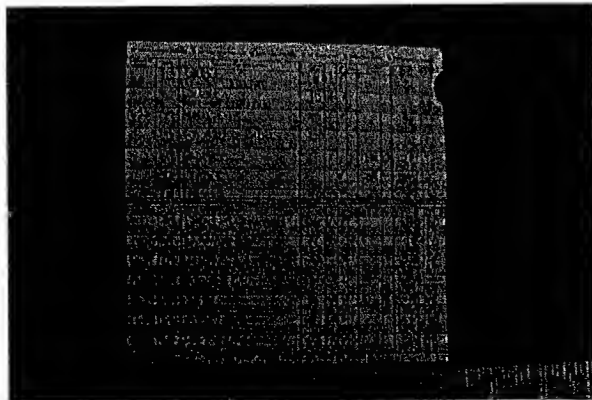
IMG\_0170.JPG  
Date & Time: 2018/03/22 12:43:05  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,829 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



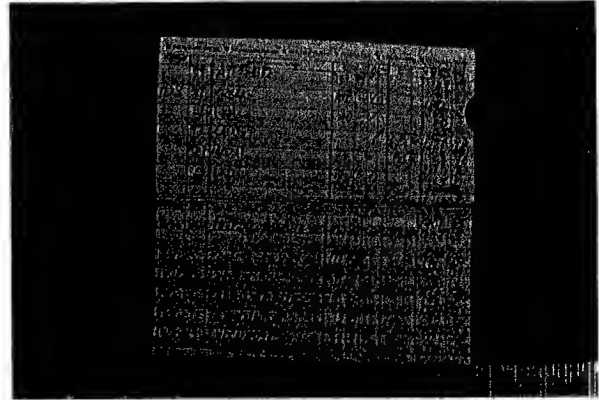
IMG\_0171.JPG  
Date & Time: 2018/03/22 12:43:18  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,406 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



IMG\_0172.JPG  
Date & Time: 2018/03/22 12:43:36  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 7,045 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



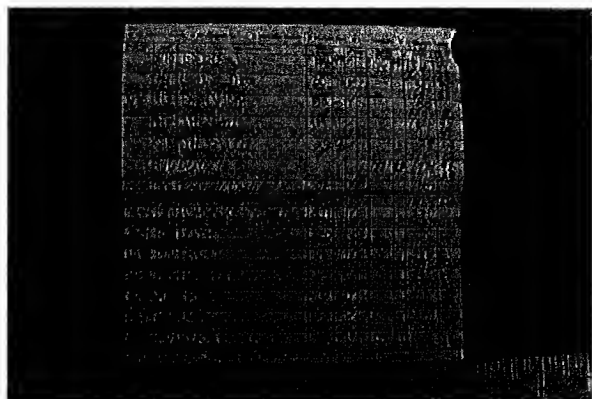
IMG\_0173.JPG  
Date & Time: 2018/03/22 12:43:49  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,456 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



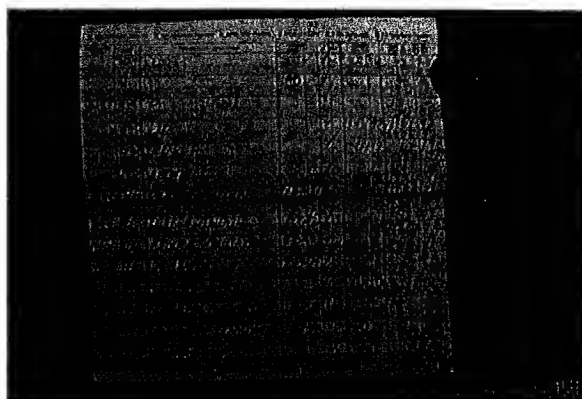
IMG\_0174.JPG  
Date & Time: 2018/03/22 12:44:23  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,543 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



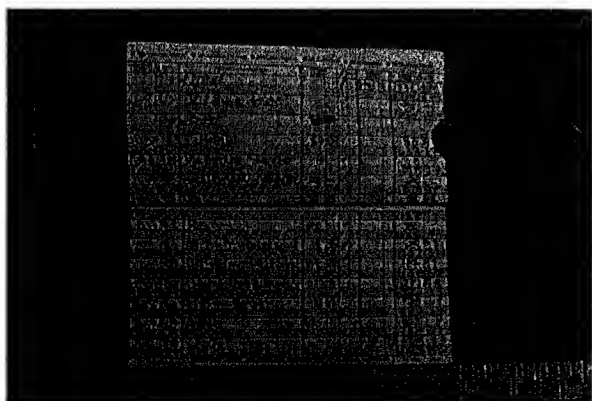
0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0175.JPG  
Date & Time: 2018/03/22 12:44:38  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,756 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



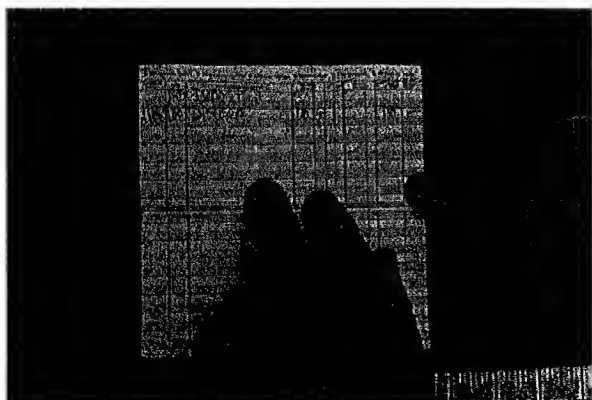
IMG\_0176.JPG  
Date & Time: 2018/03/22 12:44:55  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,175 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



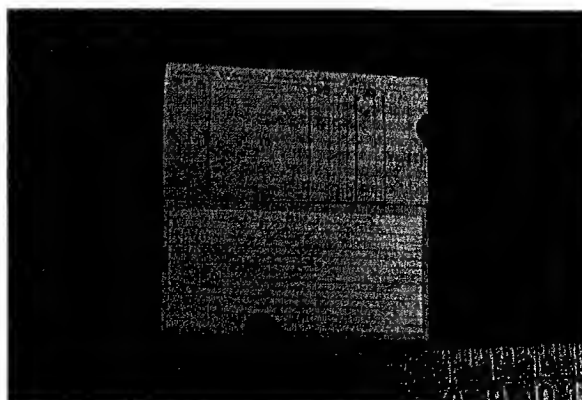
IMG\_0177.JPG  
Date & Time: 2018/03/22 12:45:37  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,185 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register



IMG\_0178.JPG  
Date & Time: 2018/03/22 12:45:59  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,266 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

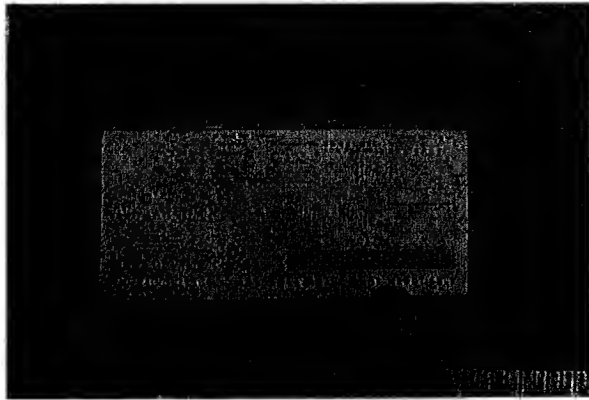


IMG\_0179.JPG  
Date & Time: 2018/03/22 12:46:35  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,579 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

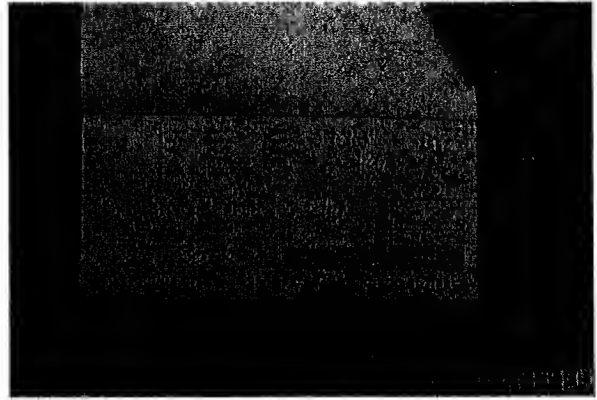


IMG\_0180.JPG  
Date & Time: 2018/03/22 12:47:08  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,281 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 check register

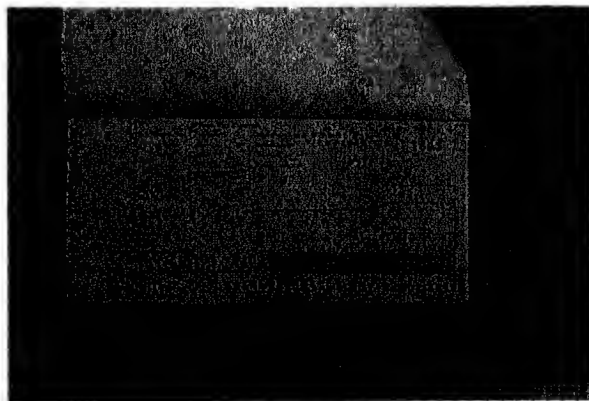
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



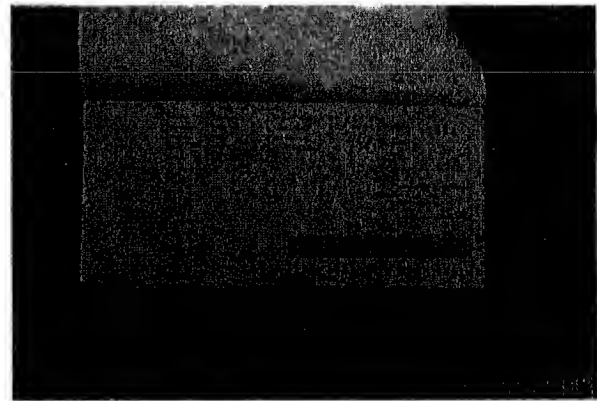
IMG\_0181.JPG  
Date & Time: 2018/03/22 12:47:44  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,435 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy



IMG\_0182.JPG  
Date & Time: 2018/03/22 12:47:56  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,427 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy



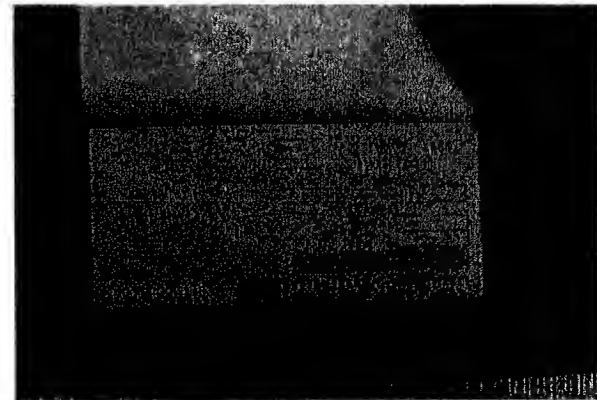
IMG\_0183.JPG  
Date & Time: 2018/03/22 12:48:05  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,201 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy



IMG\_0184.JPG  
Date & Time: 2018/03/22 12:48:11  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,140 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy

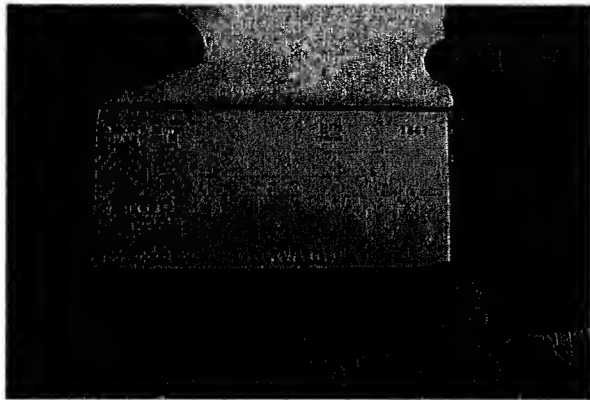


IMG\_0185.JPG  
Date & Time: 2018/03/22 12:48:19  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,529 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy

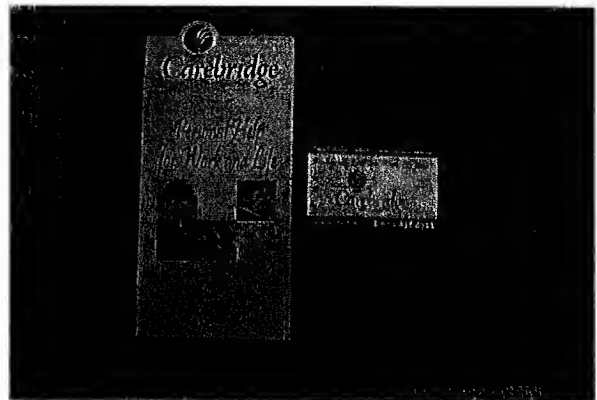


IMG\_0186.JPG  
Date & Time: 2018/03/22 12:48:27  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,059 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Check duplicate copy

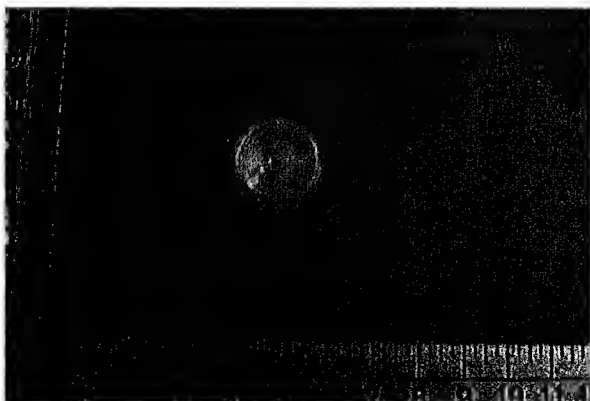
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0187.JPG  
Date & Time: 2018/03/22 12:48:38  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,228 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 first unwritten check



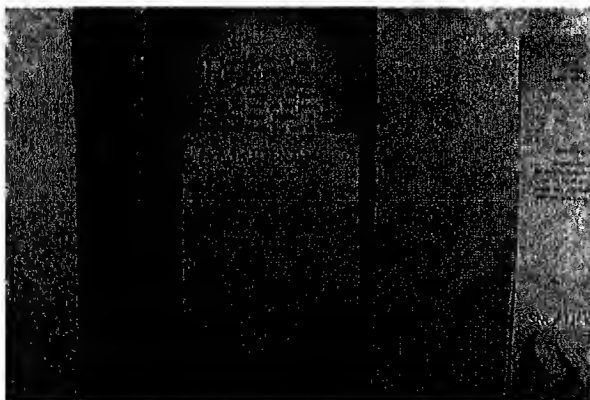
IMG\_0188.JPG  
Date & Time: 2018/03/22 12:49:45  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,605 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



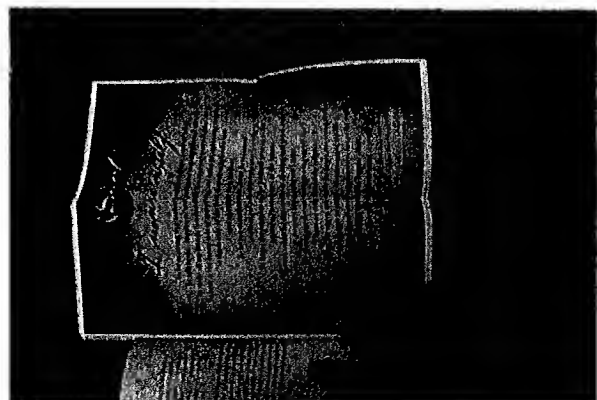
IMG\_0189.JPG  
Date & Time: 2018/03/22 12:50:05  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,624 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0190.JPG  
Date & Time: 2018/03/22 12:50:18  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,178 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

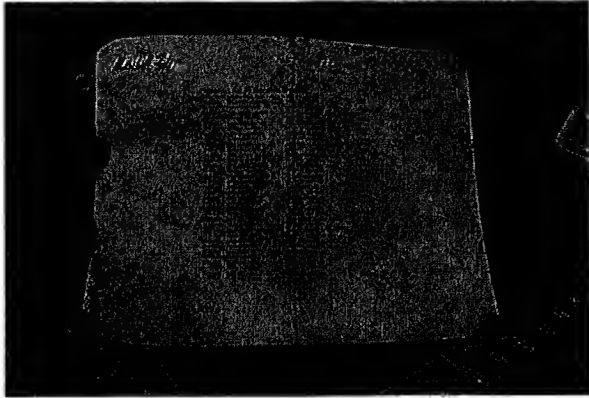


IMG\_0191.JPG  
Date & Time: 2018/03/22 12:50:36  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,302 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

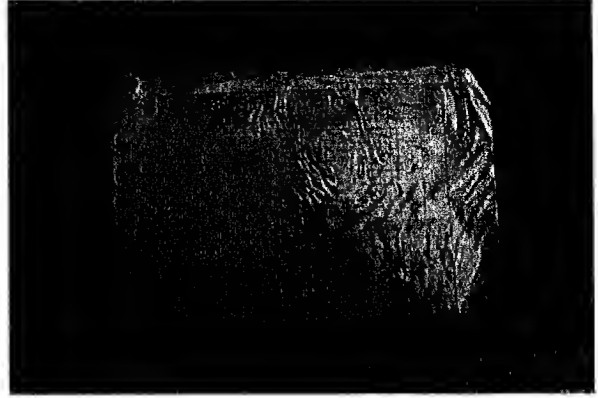


IMG\_0192.JPG  
Date & Time: 2018/03/22 12:51:20  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,721 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

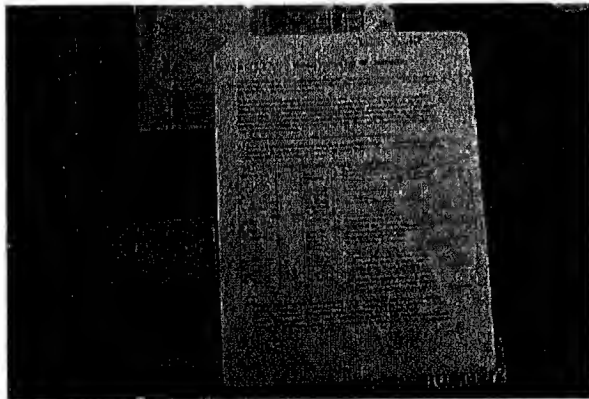
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



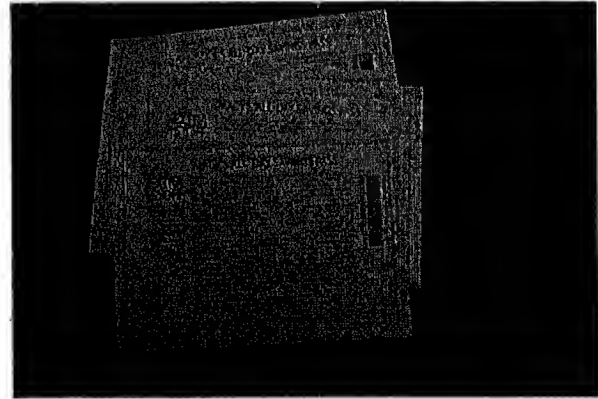
IMG\_0193.JPG  
Date & Time: 2018/03/22 12:52:13  
Exp. Info: ISO 800 / 1/125 s / f/8; File Size: 5,396 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



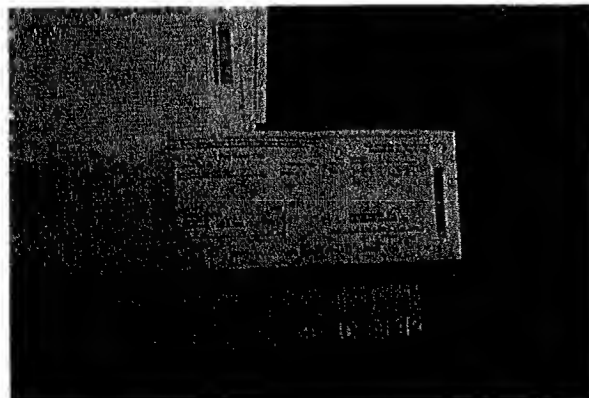
IMG\_0194.JPG  
Date & Time: 2018/03/22 12:52:34  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,619 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



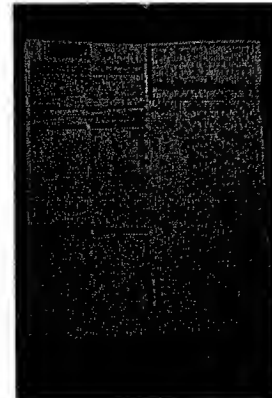
IMG\_0195.JPG  
Date & Time: 2018/03/22 12:52:51  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,445 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0196.JPG  
Date & Time: 2018/03/22 12:53:18  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,396 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

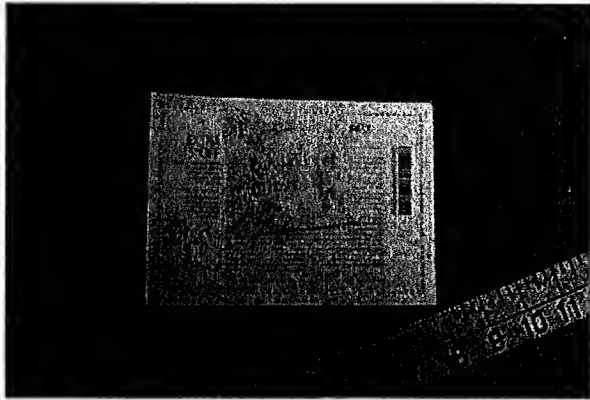


IMG\_0197.JPG  
Date & Time: 2018/03/22 12:53:33  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,351 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0198.JPG  
Date & Time: 2018/03/22 12:54:42  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,721 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0199.JPG

Date & Time: 2018/03/22 12:54:55  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,043 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



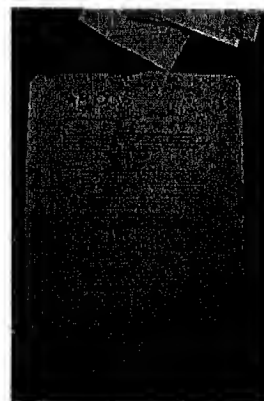
IMG\_0200.JPG

Date & Time: 2018/03/22 12:55:19  
Exp. Info: / 0 s / f/0; File Size: 4,989 KB;  
Lens: ; Flash: External flash;  
Caption: PE 46 Contents



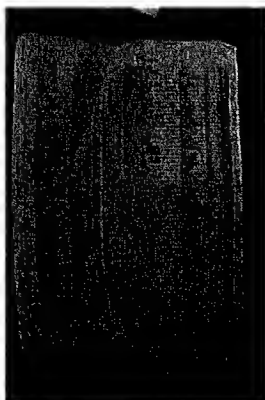
IMG\_0201.JPG

Date & Time: 2018/03/22 12:55:57  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,712 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



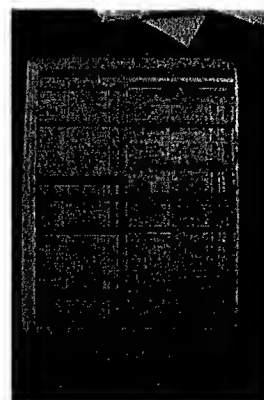
IMG\_0202.JPG

Date & Time: 2018/03/22 12:56:20  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,866 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0203.JPG

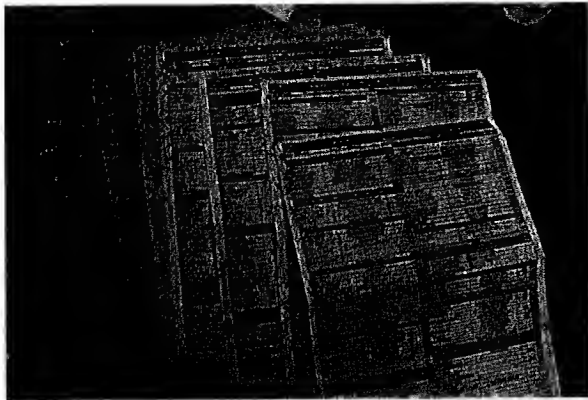
Date & Time: 2018/03/22 12:56:33  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 7,266 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



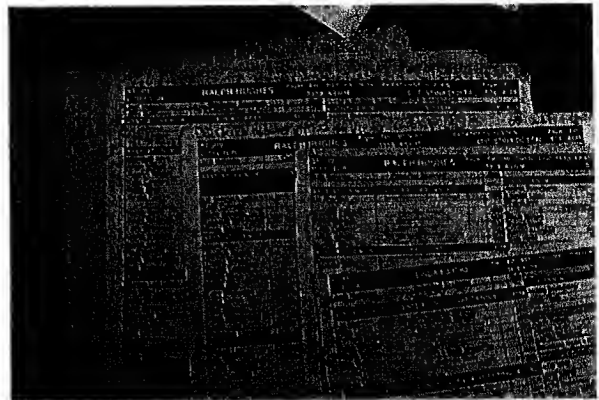
IMG\_0204.JPG

Date & Time: 2018/03/22 12:57:07  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 7,584 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents

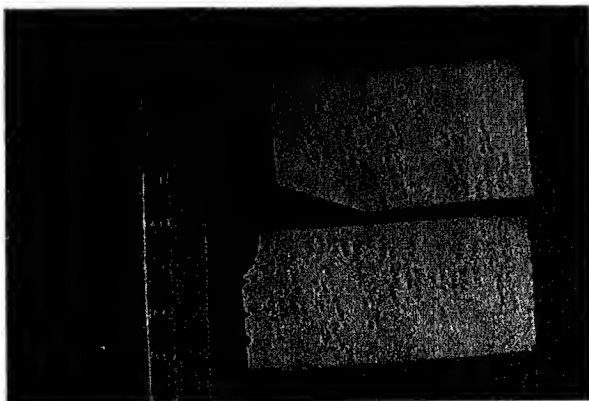
# 0620 Koelling 17 Lake County Clerk Trial Evidence



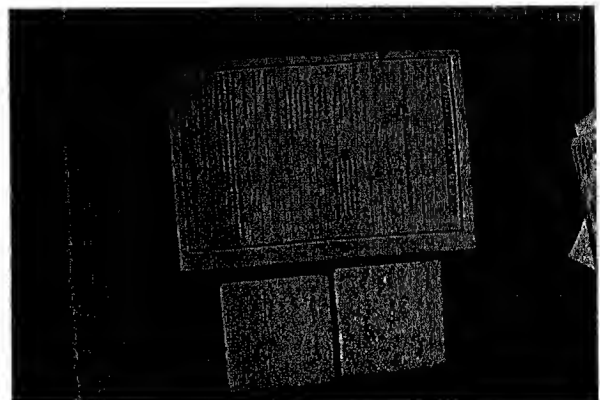
IMG\_0205.JPG  
Date & Time: 2018/03/22 12:58:00  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 7,944 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0206.JPG  
Date & Time: 2018/03/22 12:58:04  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,676 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0207.JPG  
Date & Time: 2018/03/22 12:58:29  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,102 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0208.JPG  
Date & Time: 2018/03/22 12:58:48  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,296 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



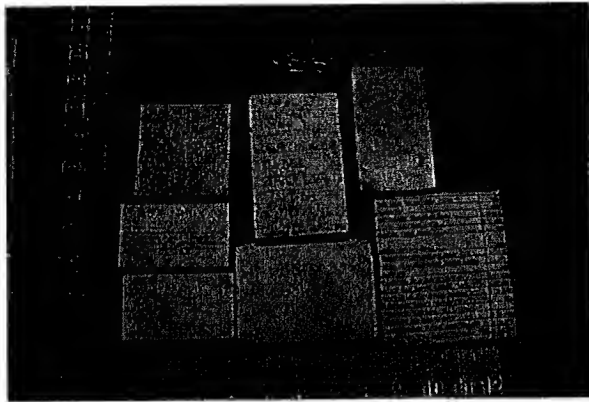
IMG\_0209.JPG  
Date & Time: 2018/03/22 12:59:28  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 6,482 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



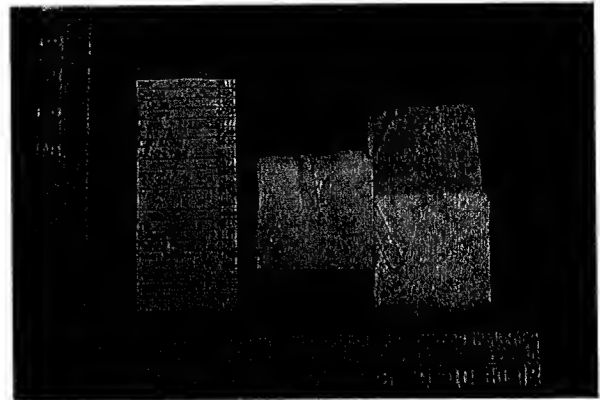
IMG\_0210.JPG  
Date & Time: 2018/03/22 13:01:12  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 6,690 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0211.JPG  
Date & Time: 2018/03/22 13:03:42  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 6,163 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0212.JPG  
Date & Time: 2018/03/22 13:04:27  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,641 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



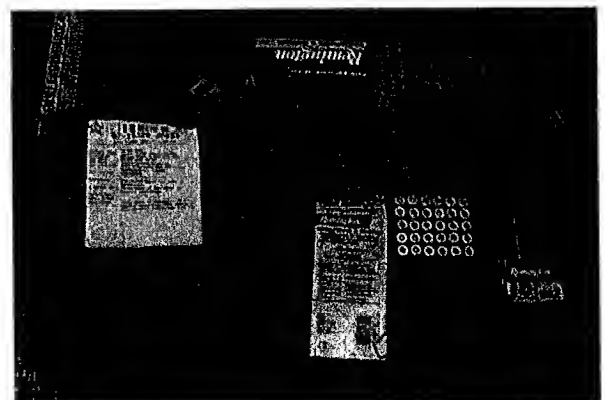
IMG\_0213.JPG  
Date & Time: 2018/03/22 13:05:14  
Exp. Info: ISO 800 / 1/4 s / f/8; File Size: 5,703 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0214.JPG  
Date & Time: 2018/03/22 13:05:39  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,720 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 Contents



IMG\_0215.JPG  
Date & Time: 2018/03/22 13:10:00  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,329 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46 resealed

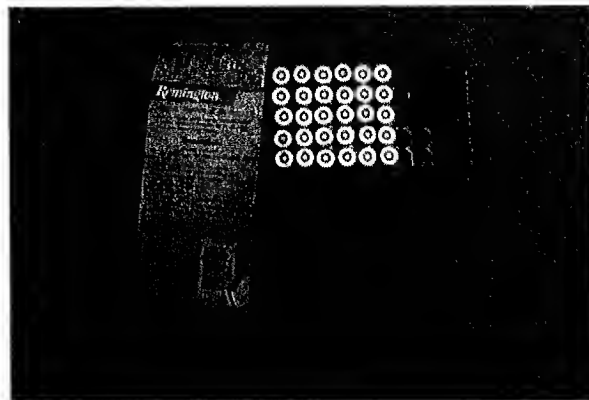


IMG\_0216.JPG  
Date & Time: 2018/03/22 13:21:20  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,126 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 open package, loose 9mm cartridge & fired bullet

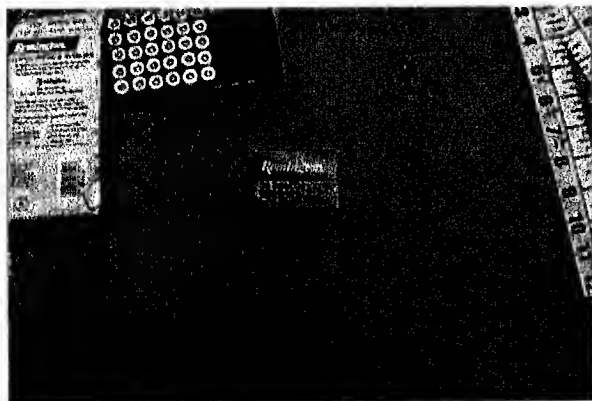
# 0620 Koelling 17 Lake County Clerk Trial Evidence



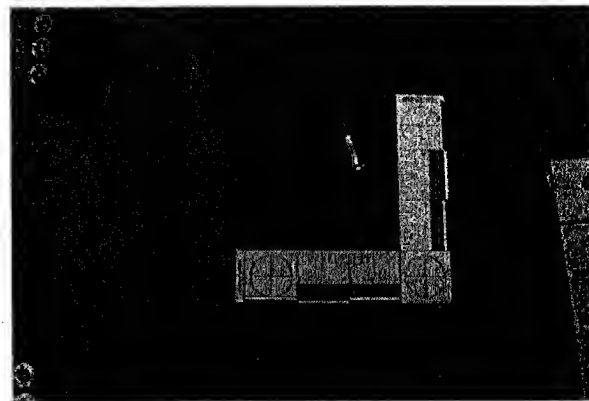
IMG\_0217.JPG  
Date & Time: 2018/03/22 13:21:36  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,116 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 .38 Sp Remington wadcutting 45 ct.



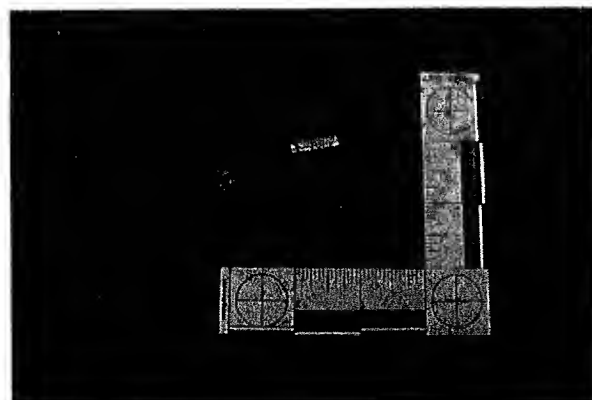
IMG\_0218.JPG  
Date & Time: 2018/03/22 13:21:44  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,189 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 .38 Sp SJHP 30 ct.



IMG\_0219.JPG  
Date & Time: 2018/03/22 13:21:57  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 4,485 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 Rem. Multiball .38 Sp.



IMG\_0220.JPG  
Date & Time: 2018/03/22 13:22:16  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,256 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 Loose 9mm cartridge & fired bullet



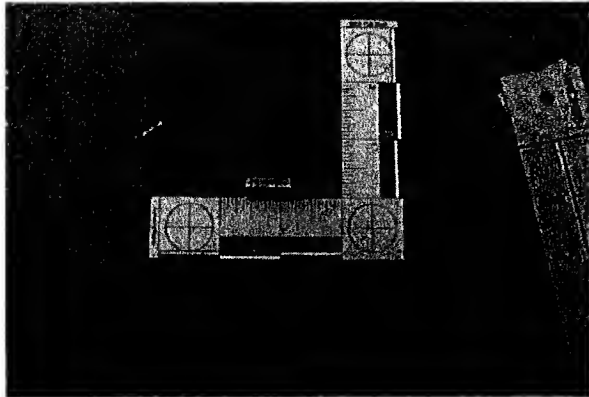
IMG\_0221.JPG  
Date & Time: 2018/03/22 13:23:11  
Exp. Info: ISO 800 / 1/13 s / f/8; File Size: 6,193 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 Loose 9mm cartridge & fired bullet



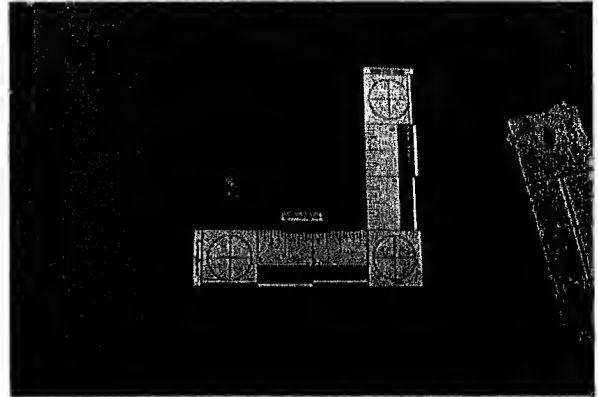
IMG\_0222.JPG  
Date & Time: 2018/03/22 13:24:11  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,722 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 loose 9mm cartridge marked "07-4728 #15-01"



# 0620 Koelling 17 Lake County Clerk Trial Evidence



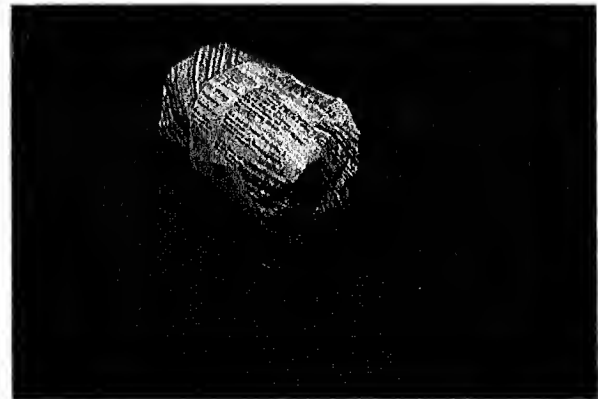
IMG\_0223.JPG  
Date & Time: 2018/03/22 13:24:37  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,586 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 loose 9mm cartridge & fired bullet



IMG\_0224.JPG  
Date & Time: 2018/03/22 13:24:48  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,344 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 loose 9mm cartridge & fired bullet



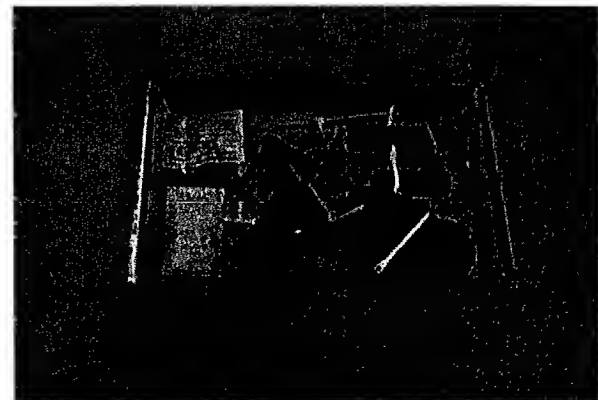
IMG\_0225.JPG  
Date & Time: 2018/03/22 13:27:09  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,227 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 loose 9mm cartridge & fired bullet in bag before resealing



IMG\_0226.JPG  
Date & Time: 2018/03/22 13:28:39  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,917 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 74 resealed



IMG\_0227.JPG  
Date & Time: 2018/03/22 13:29:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,636 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 72 box

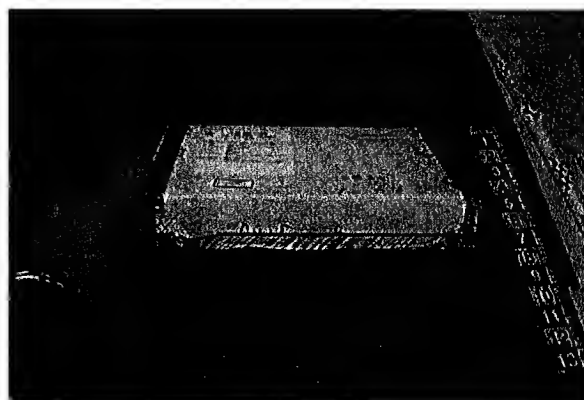


IMG\_0228.JPG  
Date & Time: 2018/03/22 13:30:17  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,375 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 72 contents

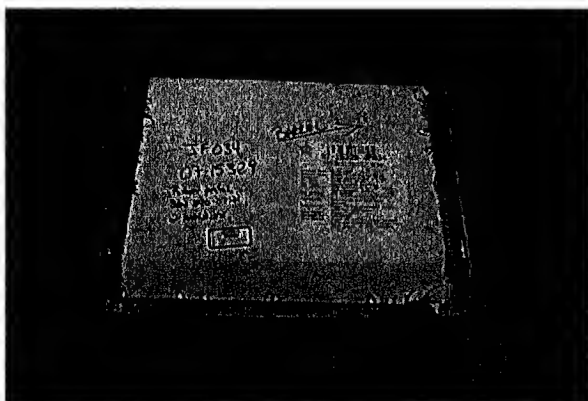
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0229.JPG  
Date & Time: 2018/03/22 13:30:35  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,500 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 72 contents



IMG\_0230.JPG  
Date & Time: 2018/03/22 13:32:21  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,210 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 72 resealed



IMG\_0231.JPG  
Date & Time: 2018/03/22 13:32:48  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,956 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 71 open box



IMG\_0232.JPG  
Date & Time: 2018/03/22 13:33:16  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,833 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 71 open Ruger pistol, magazines and envelope

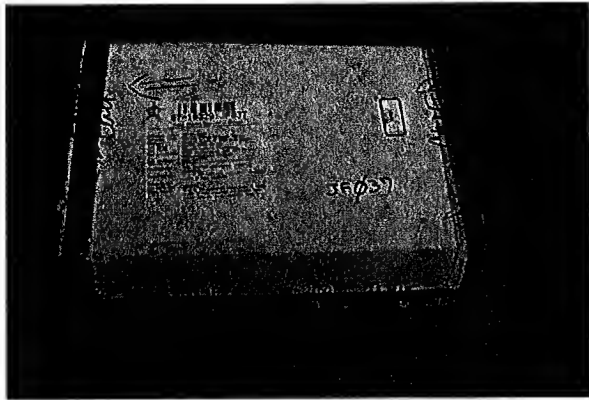


IMG\_0233.JPG  
Date & Time: 2018/03/22 13:33:56  
Exp. Info: ISO 800 / 1/8 s / f/8; File Size: 5,329 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 71 CU envelope

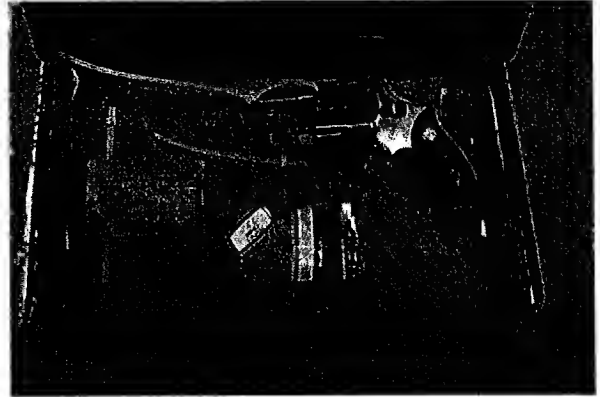


IMG\_0234.JPG  
Date & Time: 2018/03/22 13:34:31  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,202 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 71 resealed

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



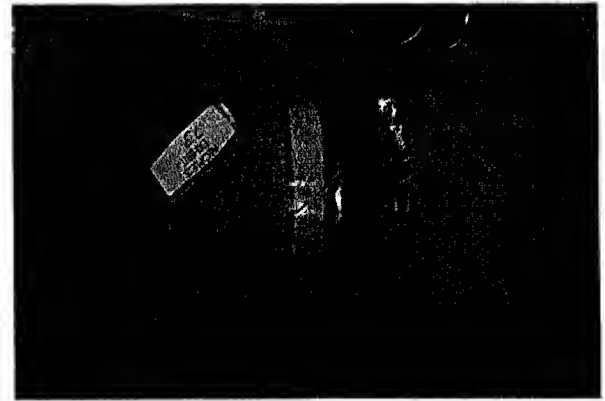
IMG\_0235.JPG  
Date & Time: 2018/03/22 13:34:54  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,773 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 open box



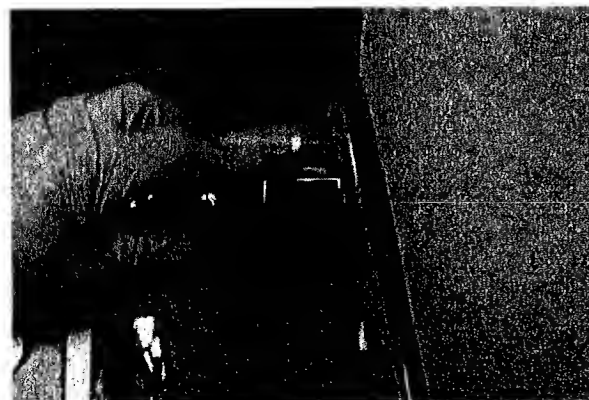
IMG\_0236.JPG  
Date & Time: 2018/03/22 13:35:20  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 6,241 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 contents



IMG\_0237.JPG  
Date & Time: 2018/03/22 13:35:27  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,508 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 CU env 1



IMG\_0238.JPG  
Date & Time: 2018/03/22 13:35:31  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,101 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 CU env 2



IMG\_0239.JPG  
Date & Time: 2018/03/22 13:35:37  
Exp. Info: ISO 800 / 1/13 s / f/8; File Size: 4,635 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 CU revolver serial number

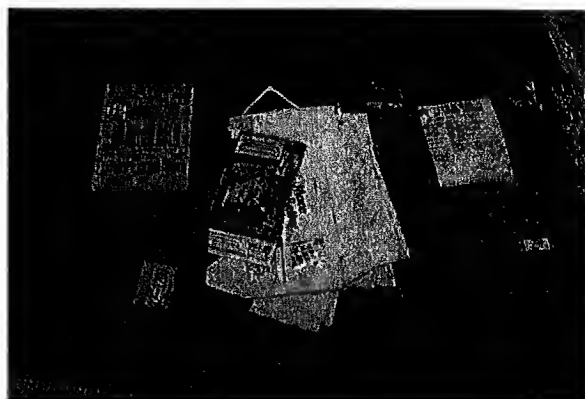


IMG\_0240.JPG  
Date & Time: 2018/03/22 13:36:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,180 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 73 resealed

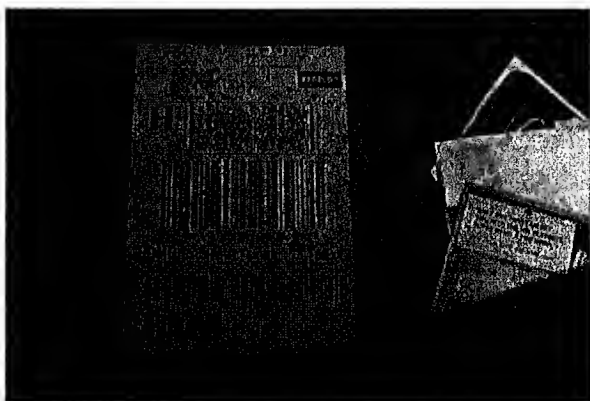
# 0620 Koelling 17 Lake County Clerk Trial Evidence



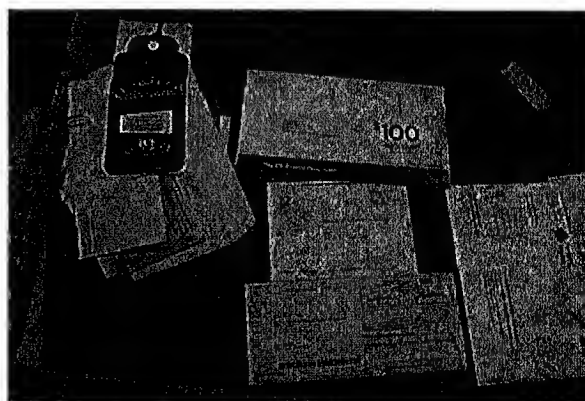
IMG\_0241.JPG  
Date & Time: 2018/03/22 13:37:10  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,355 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 open envelope with cardboard sticking out



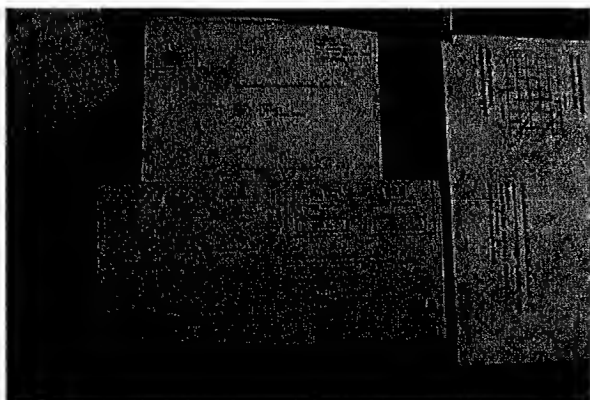
IMG\_0242.JPG  
Date & Time: 2018/03/22 13:38:01  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 6,153 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 envelope & contents



IMG\_0243.JPG  
Date & Time: 2018/03/22 13:38:07  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,124 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 CU shipping label



IMG\_0244.JPG  
Date & Time: 2018/03/22 13:39:40  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,052 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers



IMG\_0245.JPG  
Date & Time: 2018/03/22 13:39:44  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,950 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers

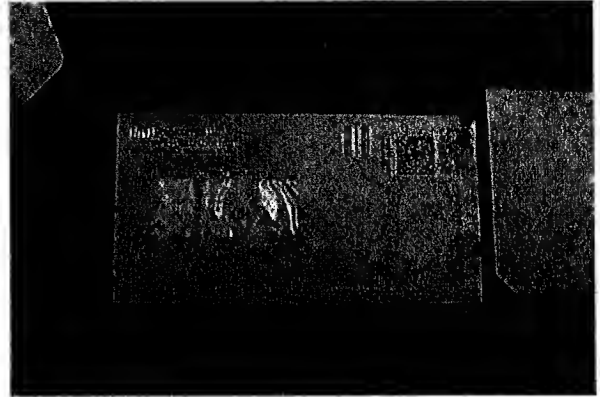


IMG\_0246.JPG  
Date & Time: 2018/03/22 13:39:47  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,616 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0247.JPG  
Date & Time: 2018/03/22 13:39:51  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,984 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers



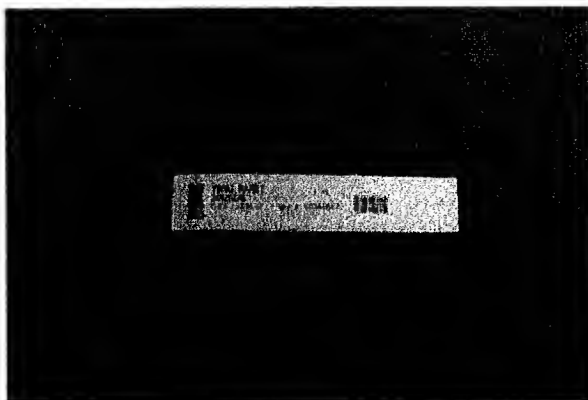
IMG\_0248.JPG  
Date & Time: 2018/03/22 13:40:13  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,004 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers



IMG\_0249.JPG  
Date & Time: 2018/03/22 13:40:36  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,414 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers



IMG\_0250.JPG  
Date & Time: 2018/03/22 13:40:56  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,017 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers

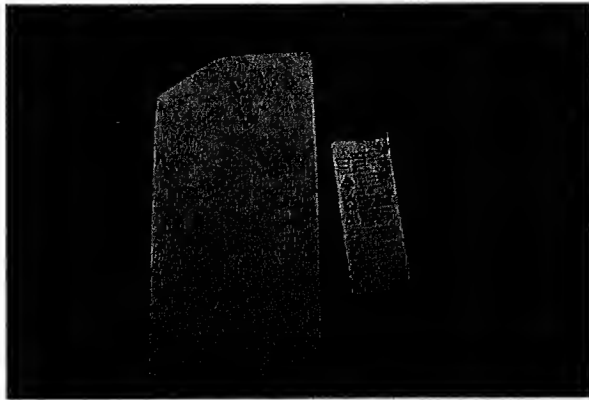


IMG\_0251.JPG  
Date & Time: 2018/03/22 13:41:18  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,370 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers

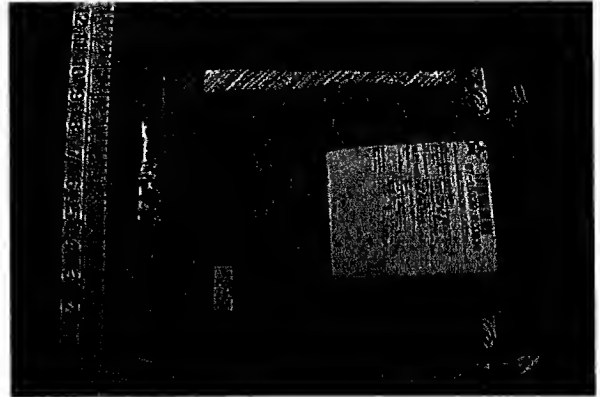


IMG\_0252.JPG  
Date & Time: 2018/03/22 13:41:25  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,517 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers

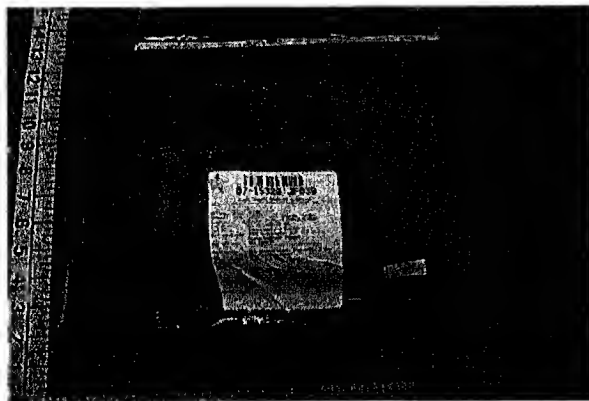
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0253.JPG  
Date & Time: 2018/03/22 13:41:56  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,810 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 papers



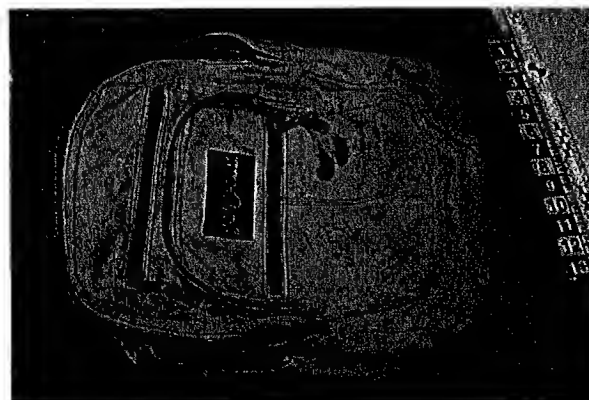
IMG\_0254.JPG  
Date & Time: 2018/03/22 13:43:43  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 5,661 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90 resealed



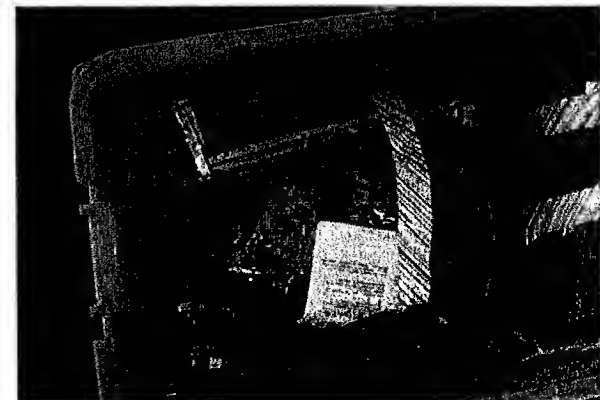
IMG\_0255.JPG  
Date & Time: 2018/03/22 13:43:54  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,495 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 75



IMG\_0256.JPG  
Date & Time: 2018/03/22 13:45:53  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,748 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 75 grey backpack



IMG\_0257.JPG  
Date & Time: 2018/03/22 13:46:19  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 9,050 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 75 grey backpack



IMG\_0258.JPG  
Date & Time: 2018/03/22 13:47:57  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,424 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 75 resealed

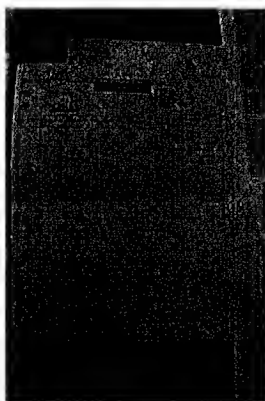
# 0620 Koelling 17 Lake County Clerk Trial Evidence



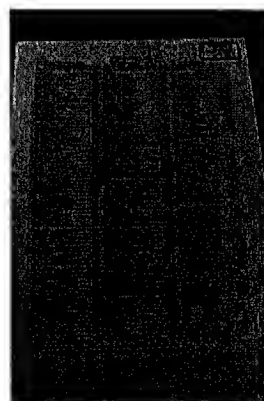
IMG\_0259.JPG  
Date & Time: 2018/03/22 13:48:31  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,947 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 76 not examined further



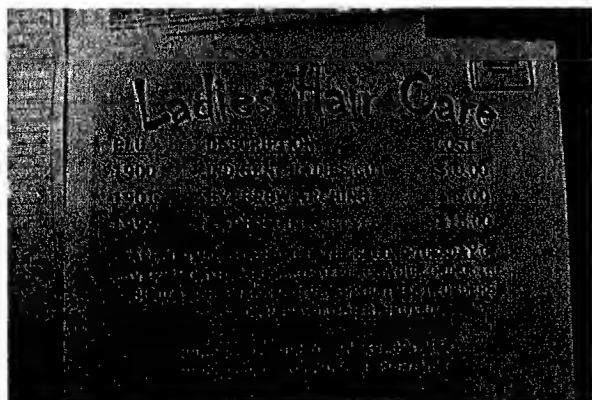
IMG\_0260.JPG  
Date & Time: 2018/03/22 13:50:14  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,038 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Envelope for post sentence exhibits



IMG\_0261.JPG  
Date & Time: 2018/03/22 13:51:05  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,047 KB;  
Lens: 35mm; Flash: External flash;  
Caption: post sentence exhibit log



IMG\_0262.JPG  
Date & Time: 2018/03/22 13:51:10  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 6,718 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Post sentence exhibit A



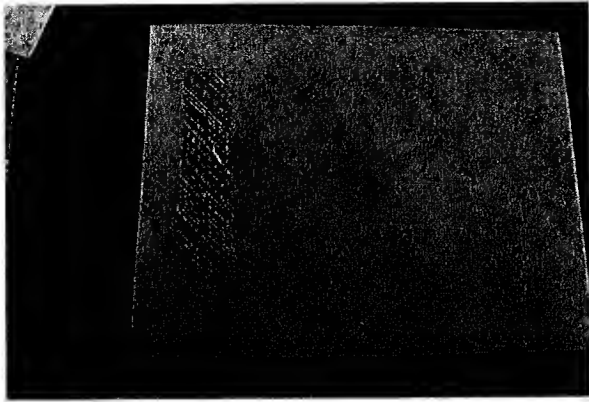
IMG\_0263.JPG  
Date & Time: 2018/03/22 13:51:15  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,526 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Post sentence exhibit B



IMG\_0264.JPG  
Date & Time: 2018/03/22 13:52:02  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,356 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Front envelope PE 1-6



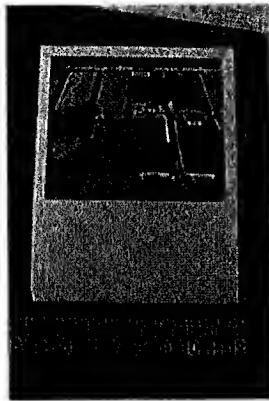
0620 Koelling 17  
Lake County Clerk Trial Evidence



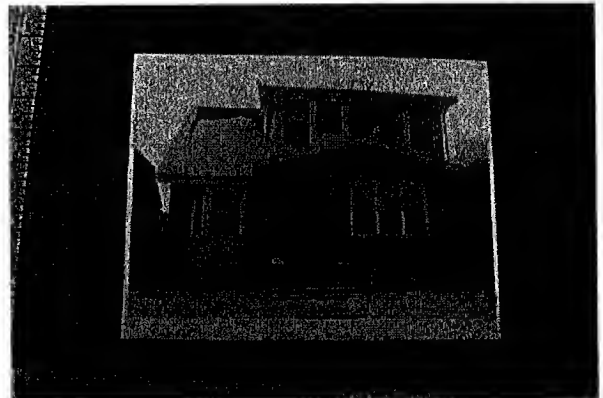
IMG\_0265.JPG  
Date & Time: 2018/03/22 13:52:22  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,521 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Back envelope PE 1-6 sealed



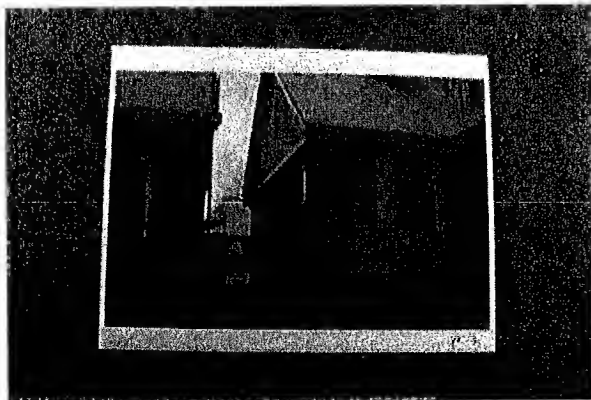
IMG\_0266.JPG  
Date & Time: 2018/03/22 13:53:14  
Exp. Info: / / ; File Size: 5,224 KB;  
Lens: ; Flash: ;  
Caption: Exhibit receipt PE 1-6



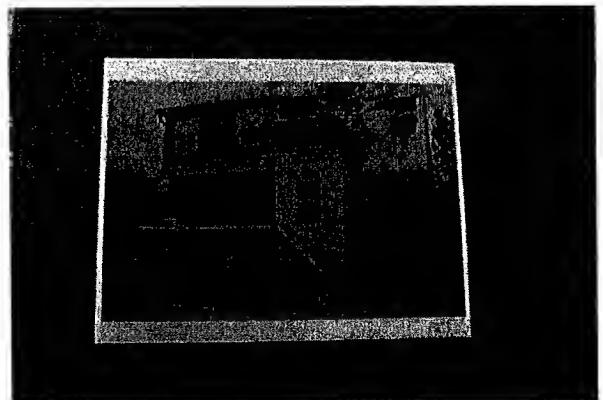
IMG\_0267.JPG  
Date & Time: 2018/03/22 13:53:38  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,943 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 1



IMG\_0268.JPG  
Date & Time: 2018/03/22 13:53:47  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,413 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 2



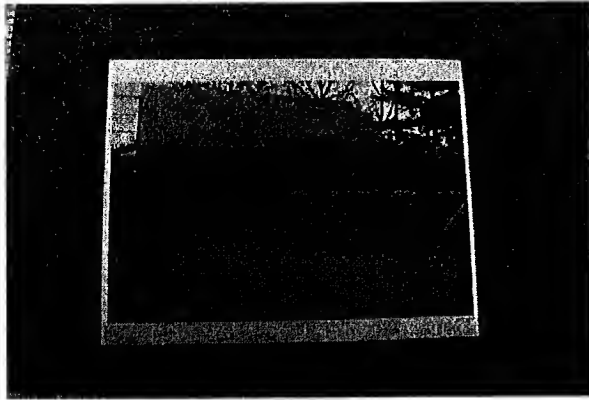
IMG\_0269.JPG  
Date & Time: 2018/03/22 13:54:05  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 4,815 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 3



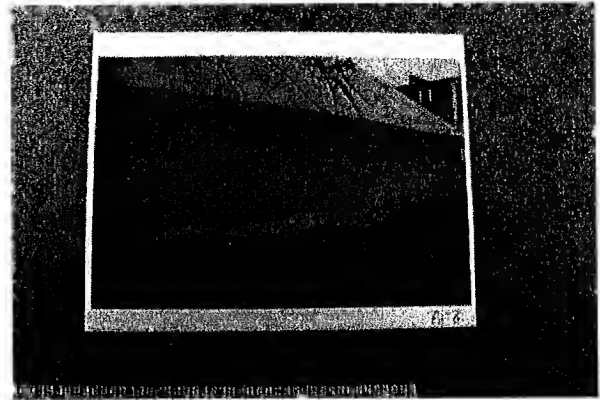
IMG\_0270.JPG  
Date & Time: 2018/03/22 13:54:12  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,419 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 4



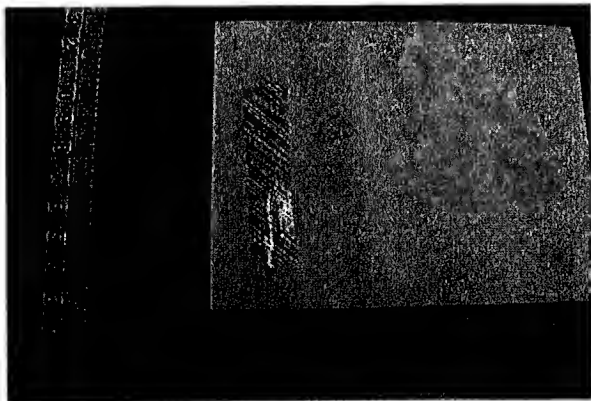
# 0620 Koelling 17 Lake County Clerk Trial Evidence



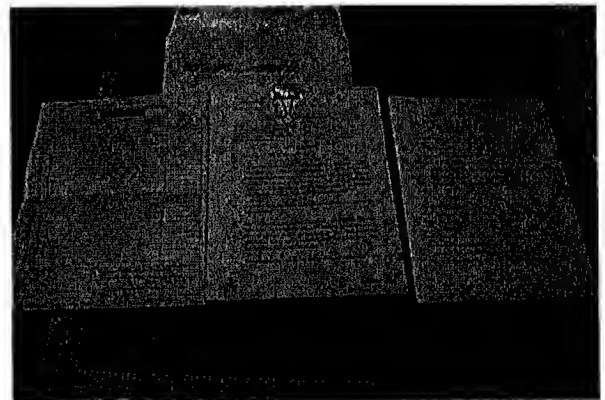
IMG\_0271.JPG  
Date & Time: 2018/03/22 13:54:21  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,435 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 5



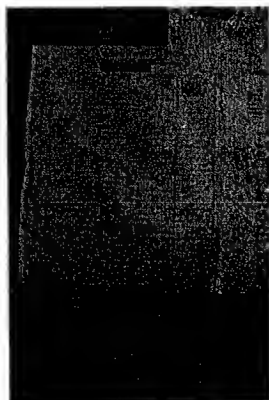
IMG\_0272.JPG  
Date & Time: 2018/03/22 13:54:31  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,098 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 6



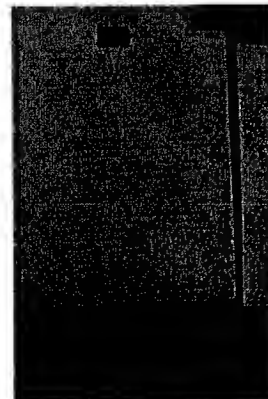
IMG\_0273.JPG  
Date & Time: 2018/03/22 13:55:28  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,939 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Back envelope PE 1-6 resealed



IMG\_0274.JPG  
Date & Time: 2018/03/22 13:56:20  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 5,572 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Envelope, Exhibit log, DEF 1 & 2 front

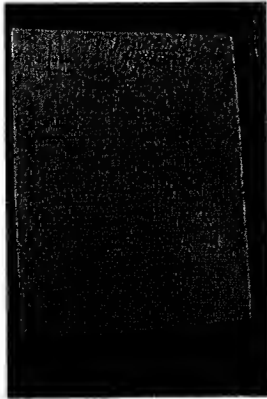


IMG\_0275.JPG  
Date & Time: 2018/03/22 13:56:32  
Exp. Info: / / ; File Size: 5,106 KB;  
Lens: ; Flash: ;  
Caption: Exhibit log DEF 1 & 2



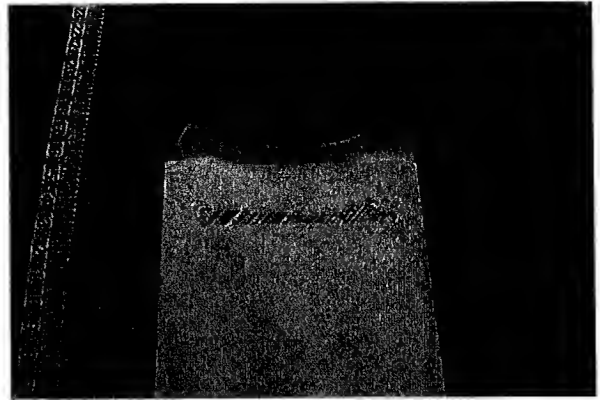
IMG\_0276.JPG  
Date & Time: 2018/03/22 13:56:35  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,645 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Front DEF 1

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0277.JPG

Date & Time: 2018/03/22 13:56:37  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,812 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Front DEF 2



IMG\_0278.JPG

Date & Time: 2018/03/22 13:57:01  
Exp. Info: ISO 800 / 1/50 s / f/8; File Size: 4,960 KB;  
Lens: 35mm; Flash: External flash;  
Caption: back unsealed envelope



IMG\_0279.JPG

Date & Time: 2018/03/22 14:00:42  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,964 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 90A



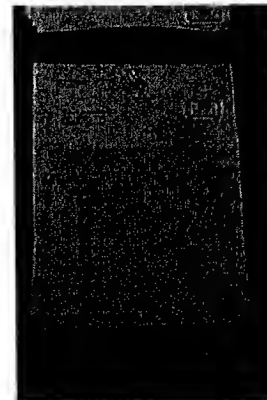
IMG\_0280.JPG

Date & Time: 2018/03/22 14:01:01  
Exp. Info: / / ; File Size: 5,078 KB;  
Lens: ; Flash: ;  
Caption: PE 91A



IMG\_0281.JPG

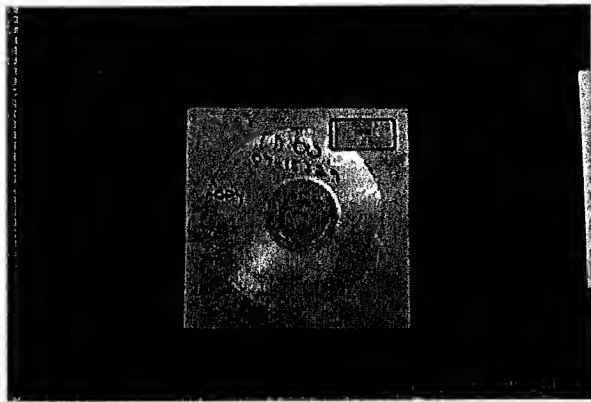
Date & Time: 2018/03/22 14:01:14  
Exp. Info: / / ; File Size: 4,992 KB;  
Lens: ; Flash: ;  
Caption: PE 92A



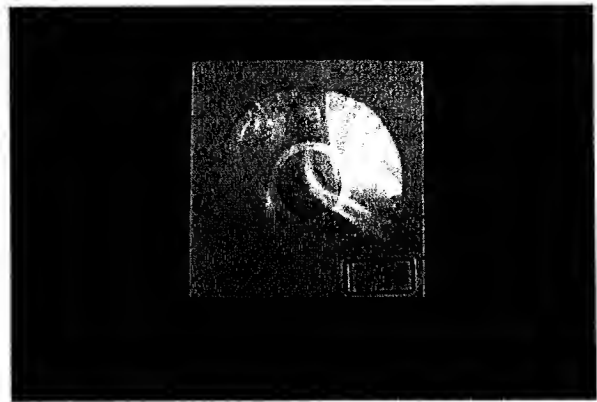
IMG\_0282.JPG

Date & Time: 2018/03/22 14:01:22  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,074 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 92B

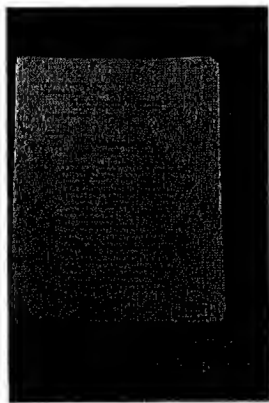
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



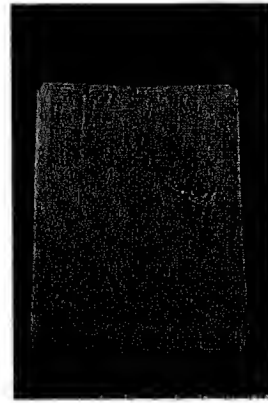
IMG\_0283.JPG  
Date & Time: 2018/03/22 14:03:07  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 4,810 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 118



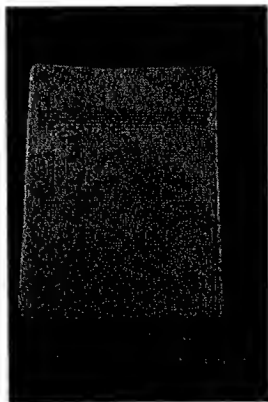
IMG\_0284.JPG  
Date & Time: 2018/03/22 14:03:14  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,956 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 126



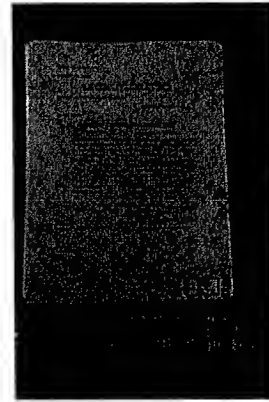
IMG\_0285.JPG  
Date & Time: 2018/03/22 14:03:30  
Exp. Info: / / ; File Size: 4,895 KB;  
Lens: ; Flash: ;  
Caption: PE 116



IMG\_0286.JPG  
Date & Time: 2018/03/22 14:03:55  
Exp. Info: / / ; File Size: 4,716 KB;  
Lens: ; Flash: ;  
Caption: PE 117

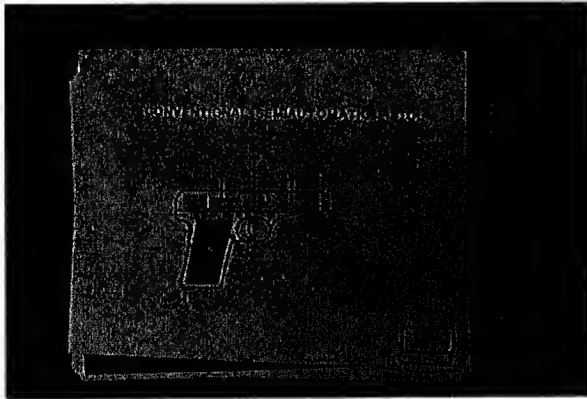


IMG\_0287.JPG  
Date & Time: 2018/03/22 14:04:21  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 4,775 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 120

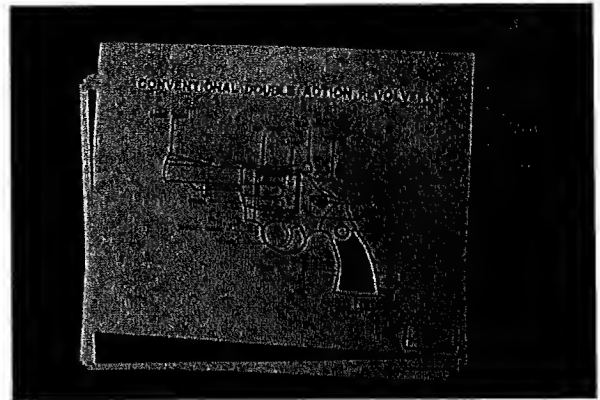


IMG\_0288.JPG  
Date & Time: 2018/03/22 14:04:45  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,017 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 251

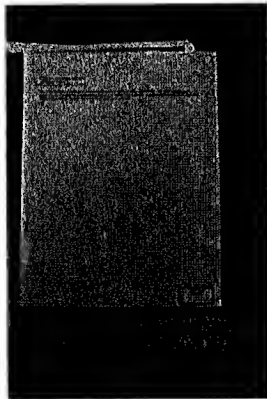
# 0620 Koelling 17 Lake County Clerk Trial Evidence



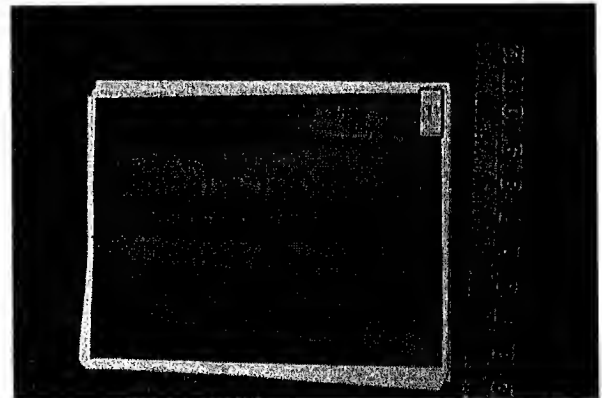
IMG\_0289.JPG  
Date & Time: 2018/03/22 14:05:07  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,806 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 123



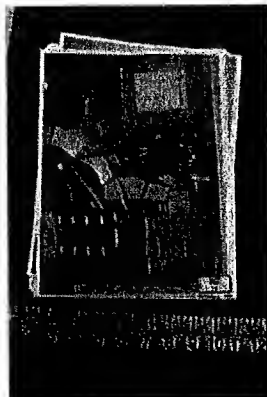
IMG\_0290.JPG  
Date & Time: 2018/03/22 14:05:21  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,680 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 122



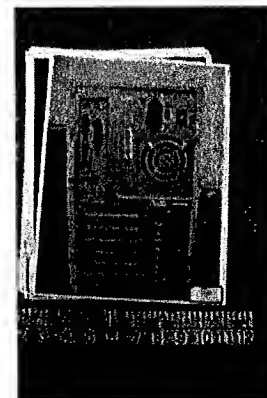
IMG\_0291.JPG  
Date & Time: 2018/03/22 14:05:42  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,424 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 121



IMG\_0292.JPG  
Date & Time: 2018/03/22 14:06:16  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,060 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 129

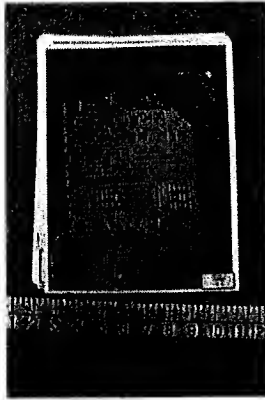


IMG\_0293.JPG  
Date & Time: 2018/03/22 14:06:55  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,505 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 130



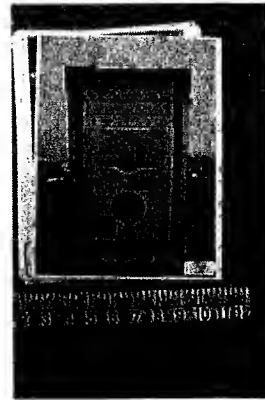
IMG\_0294.JPG  
Date & Time: 2018/03/22 14:07:03  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,146 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 131

# 0620 Koelling 17 Lake County Clerk Trial Evidence



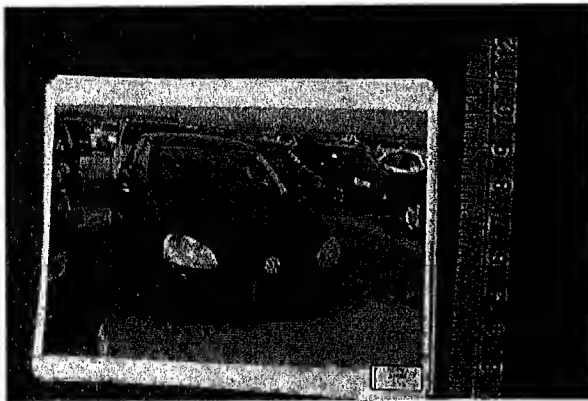
IMG\_0295.JPG

Date & Time: 2018/03/22 14:07:12  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,565 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 132



IMG\_0296.JPG

Date & Time: 2018/03/22 14:07:24  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 5,108 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 128



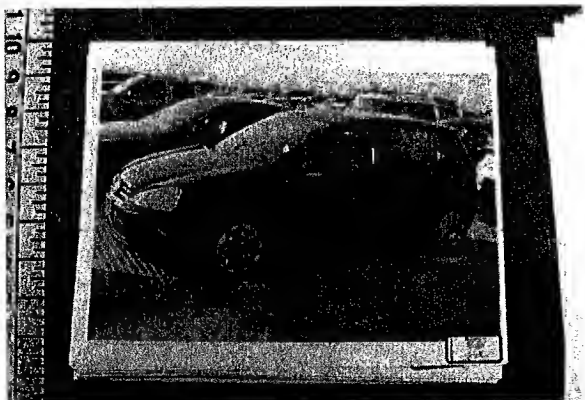
IMG\_0297.JPG

Date & Time: 2018/03/22 14:07:49  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,236 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 246 front VW



IMG\_0298.JPG

Date & Time: 2018/03/22 14:08:14  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,506 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 247 rear VW



IMG\_0299.JPG

Date & Time: 2018/03/22 14:08:25  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,189 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 248 driver's side VW



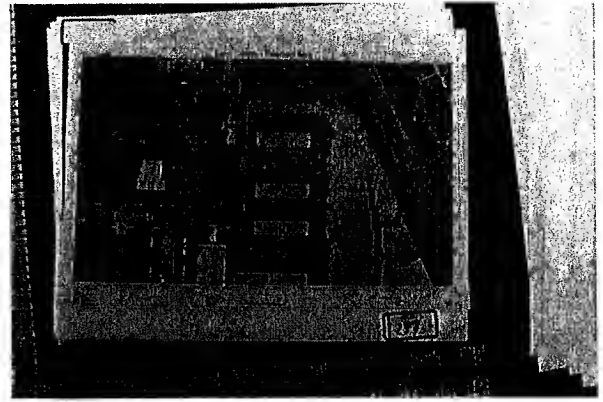
IMG\_0300.JPG

Date & Time: 2018/03/22 14:08:47  
Exp. Info: ISO 800 / 1/13 s / f/8; File Size: 4,967 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 249 Pass. side VW

# 0620 Koelling 17 Lake County Clerk Trial Evidence



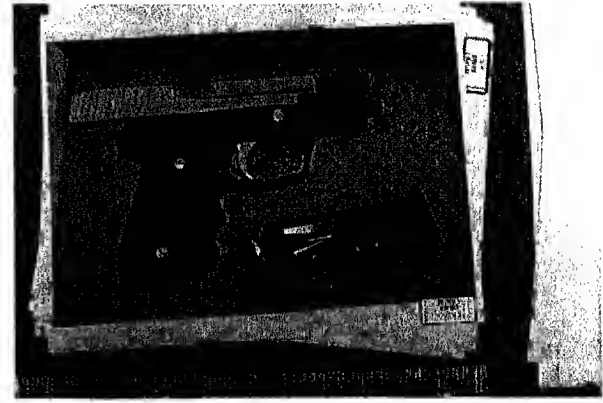
IMG\_0301.JPG  
Date & Time: 2018/03/22 14:09:00  
Exp. Info: ISO 800 / 1/8 s / f/8; File Size: 5,030 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 250 VIN VW



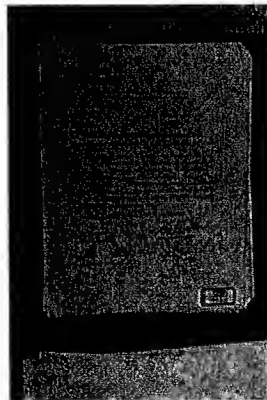
IMG\_0302.JPG  
Date & Time: 2018/03/22 14:09:18  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,426 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 259 Apartment complex aerial view



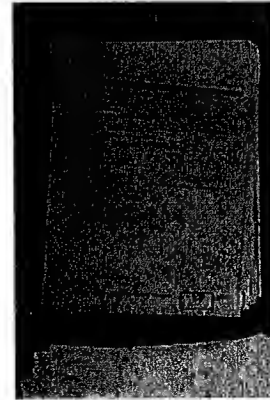
IMG\_0303.JPG  
Date & Time: 2018/03/22 14:09:44  
Exp. Info: ISO 800 / 1/13 s / f/8; File Size: 4,879 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 245 CU Ruger serial number



IMG\_0304.JPG  
Date & Time: 2018/03/22 14:09:56  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,116 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 244 Ruger in box w/ loaded magazine

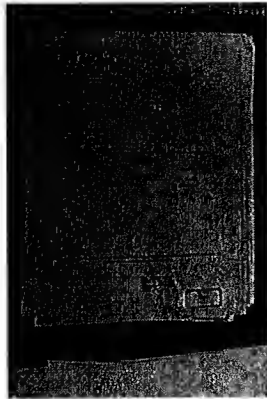


IMG\_0305.JPG  
Date & Time: 2018/03/22 14:10:18  
Exp. Info: / / ; File Size: 4,872 KB;  
Lens: ; Flash: ;  
Caption: PE 112 postal service stipulation

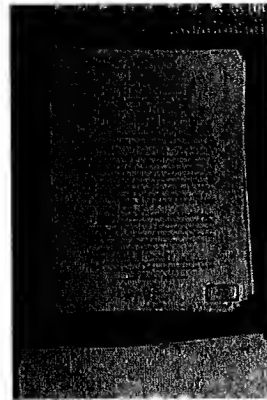


IMG\_0306.JPG  
Date & Time: 2018/03/22 14:10:39  
Exp. Info: / / ; File Size: 4,726 KB;  
Lens: ; Flash: ;  
Caption: PE 113 USPS track & confirm

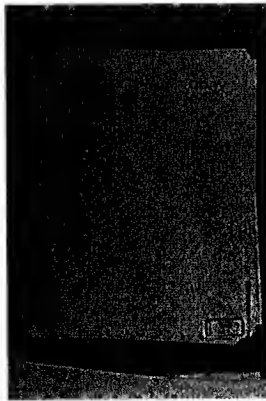
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



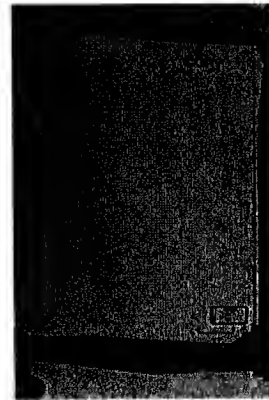
IMG\_0307.JPG  
Date & Time: 2018/03/22 14:11:03  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,705 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 114 Ray Rilling Arms book receipt



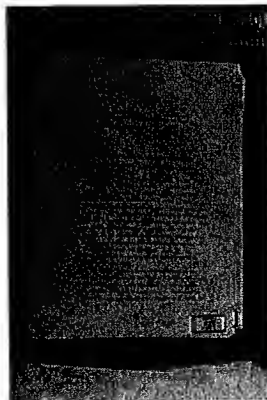
IMG\_0308.JPG  
Date & Time: 2018/03/22 14:11:24  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,961 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 111 Trac Fone stipulation



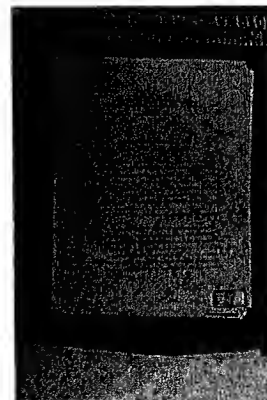
IMG\_0309.JPG  
Date & Time: 2018/03/22 14:11:49  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,581 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 109 receipt



IMG\_0310.JPG  
Date & Time: 2018/03/22 14:12:03  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,410 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 110 receipt



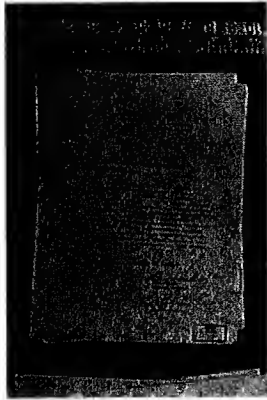
IMG\_0311.JPG  
Date & Time: 2018/03/22 14:12:09  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,996 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 107 TCF Bank stipulation



IMG\_0312.JPG  
Date & Time: 2018/03/22 14:12:29  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,840 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 108 Walmart stipulation

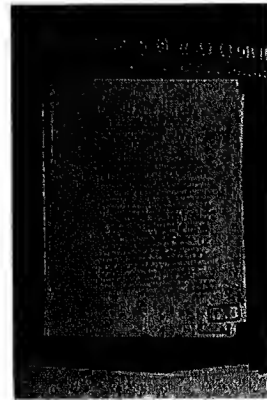


**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



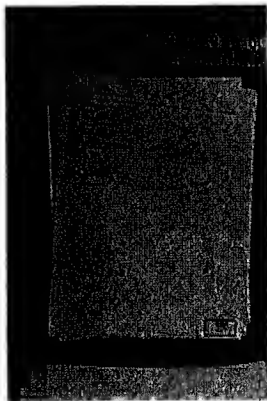
IMG\_0313.JPG

Date & Time: 2018/03/22 14:12:37  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,108 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 106 Walgreens stipulation



IMG\_0314.JPG

Date & Time: 2018/03/22 14:12:57  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,974 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 103 Nat. Data stipulation



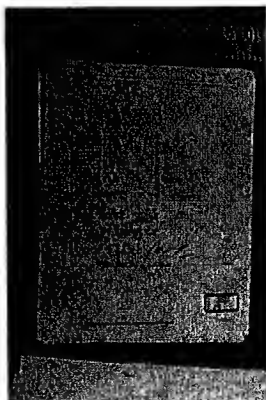
IMG\_0315.JPG

Date & Time: 2018/03/22 14:13:23  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,626 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 104 vehicle owner search



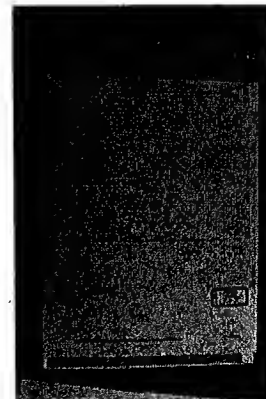
IMG\_0316.JPG

Date & Time: 2018/03/22 14:13:37  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,479 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 105 phone search



IMG\_0317.JPG

Date & Time: 2018/03/22 14:14:00  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,791 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 16 Home Depot receipt



IMG\_0318.JPG

Date & Time: 2018/03/22 14:14:08  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,942 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 17 Home Depot receipt

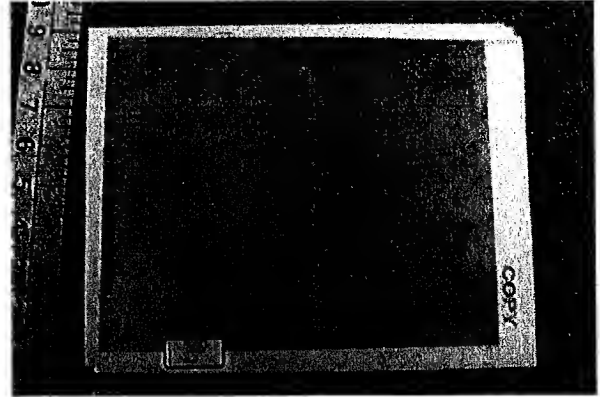


# 0620 Koelling 17

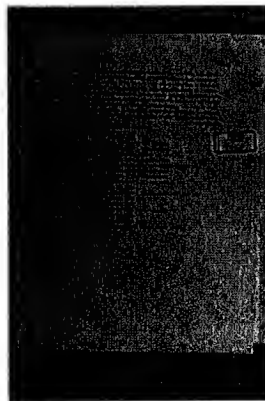
## Lake County Clerk Trial Evidence



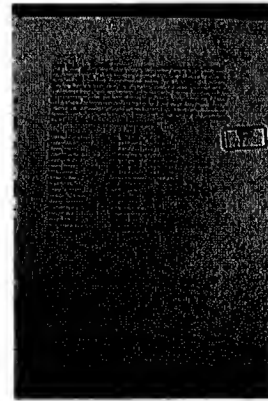
IMG\_0319.JPG  
Date & Time: 2018/03/22 14:14:44  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,611 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 31 quick search receipt



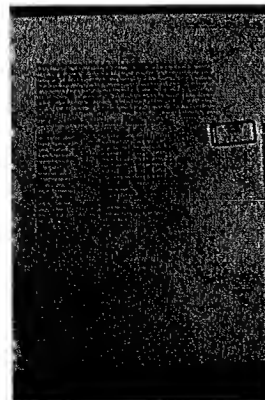
IMG\_0320.JPG  
Date & Time: 2018/03/22 14:15:05  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 5,412 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 32 Walgreens register detail report



IMG\_0321.JPG  
Date & Time: 2018/03/22 14:15:36  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,236 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46A "May 06"



IMG\_0322.JPG  
Date & Time: 2018/03/22 14:16:04  
Exp. Info: / / ; File Size: 4,904 KB;  
Lens: ; Flash: ;  
Caption: PE 46A Duplicate

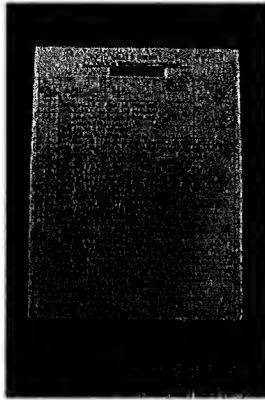


IMG\_0323.JPG  
Date & Time: 2018/03/22 14:16:09  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,744 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 46A Duplicate

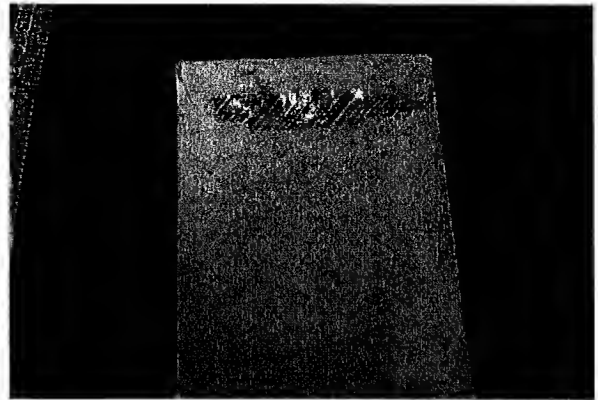


IMG\_0324.JPG  
Date & Time: 2018/03/22 14:17:18  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,914 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 10 Yang FOID card

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0325.JPG  
Date & Time: 2018/03/22 14:18:20  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,469 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Exhibit receipt p. 1 of 5



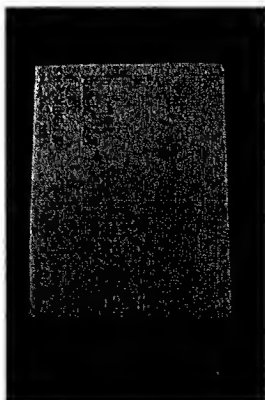
IMG\_0326.JPG  
Date & Time: 2018/03/22 14:21:16  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,286 KB;  
Lens: 35mm; Flash: External flash;  
Caption: envelope resealed



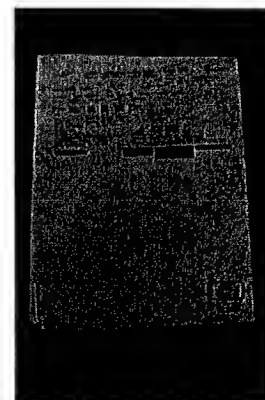
IMG\_0327.JPG  
Date & Time: 2018/03/22 14:22:36  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 4,690 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Envelope of exhibits / pictures



IMG\_0328.JPG  
Date & Time: 2018/03/22 14:23:18  
Exp. Info: / / ; File Size: 5,859 KB;  
Lens: ; Flash: ;  
Caption: PE 304 Enterprise Car Rental doc

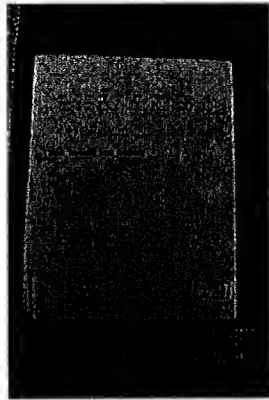


IMG\_0329.JPG  
Date & Time: 2018/03/22 14:23:27  
Exp. Info: / / ; File Size: 4,633 KB;  
Lens: ; Flash: ;  
Caption: PE 305 Enterprise leasing contract

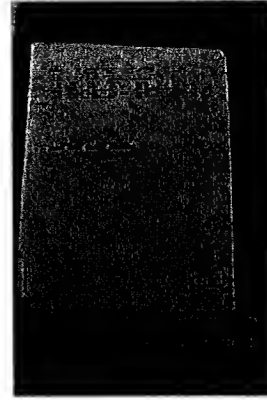


IMG\_0330.JPG  
Date & Time: 2018/03/22 14:23:58  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,665 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 306 Rental car document

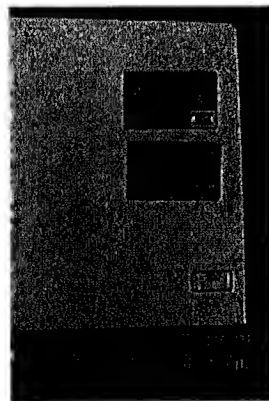
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



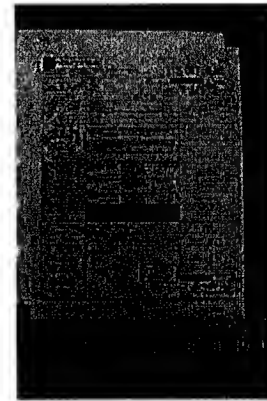
IMG\_0331.JPG  
Date & Time: 2018/03/22 14:24:15  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,415 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 307 car unit info



IMG\_0332.JPG  
Date & Time: 2018/03/22 14:24:29  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,544 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 308 Payment history



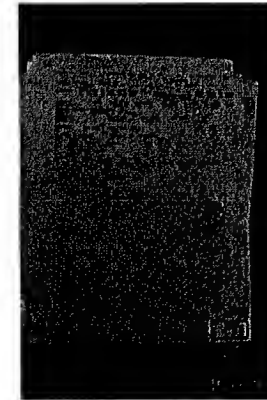
IMG\_0333.JPG  
Date & Time: 2018/03/22 14:24:48  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,782 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 309 credit cards picture



IMG\_0334.JPG  
Date & Time: 2018/03/22 14:24:56  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,885 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 310 Enterprise agreement

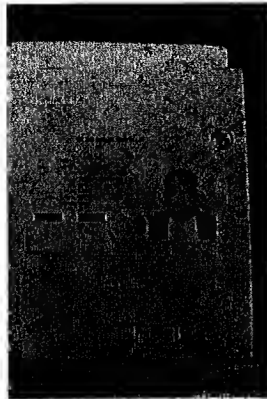


IMG\_0335.JPG  
Date & Time: 2018/03/22 14:25:29  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,713 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 311 Enterprise receipt



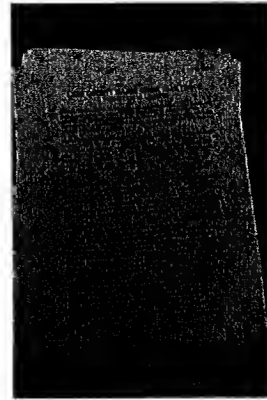
IMG\_0336.JPG  
Date & Time: 2018/03/22 14:25:39  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,510 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 312 car document

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



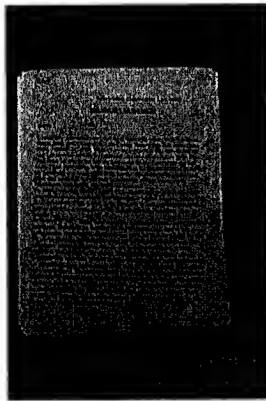
IMG\_0337.JPG

Date & Time: 2018/03/22 14:26:10  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,228 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 319 Salvadore De Vera DL photo



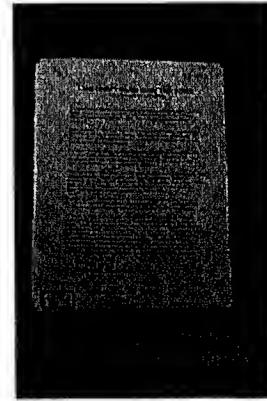
IMG\_0338.JPG

Date & Time: 2018/03/22 14:26:47  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,484 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 320 Christy Paschen statement 2 pages



IMG\_0339.JPG

Date & Time: 2018/03/22 14:27:10  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,760 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 321 Christy Paschen statement



IMG\_0340.JPG

Date & Time: 2018/03/22 14:27:21  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,445 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 322 Christy Paschen statement



IMG\_0341.JPG

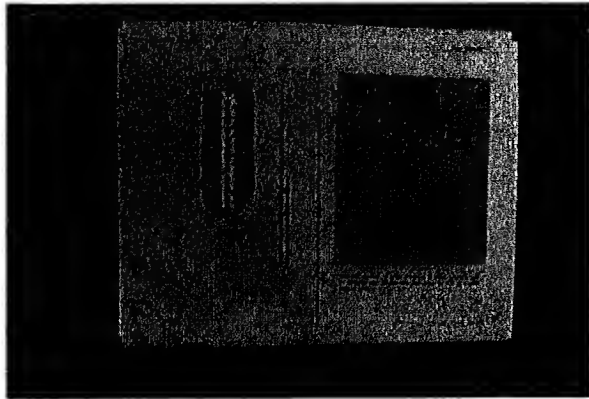
Date & Time: 2018/03/22 14:27:45  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,297 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 297 driving chart



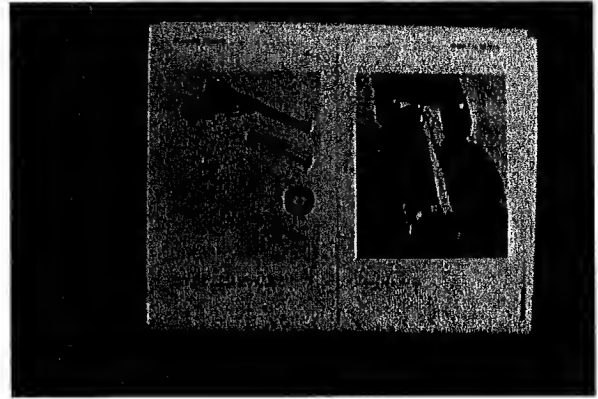
IMG\_0342.JPG

Date & Time: 2018/03/22 14:28:02  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,398 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 315 email from Maggie Zimmer

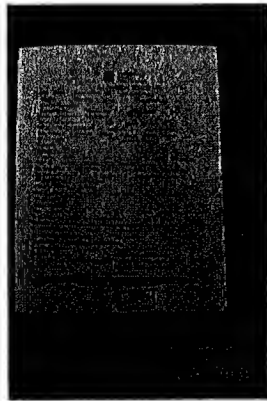
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



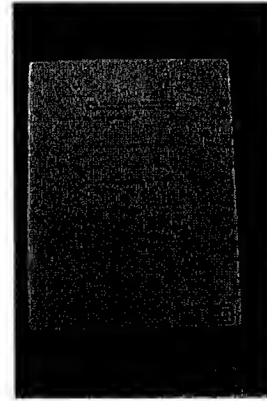
IMG\_0343.JPG  
Date & Time: 2018/03/22 14:28:32  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,952 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 313 silencer image



IMG\_0344.JPG  
Date & Time: 2018/03/22 14:28:42  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 4,889 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 314 silencer image



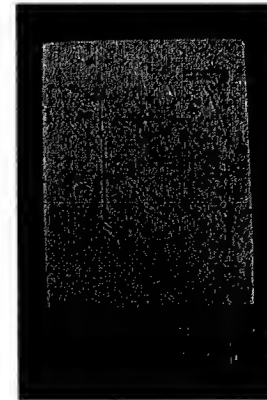
IMG\_0345.JPG  
Date & Time: 2018/03/22 14:29:02  
Exp. Info: / / ; File Size: 5,067 KB;  
Lens: ; Flash: ;  
Caption: PE 316 TSA Incident report



IMG\_0346.JPG  
Date & Time: 2018/03/22 14:29:10  
Exp. Info: / / ; File Size: 4,721 KB;  
Lens: ; Flash: ;  
Caption: PE 314 Yang birthdate stipulation

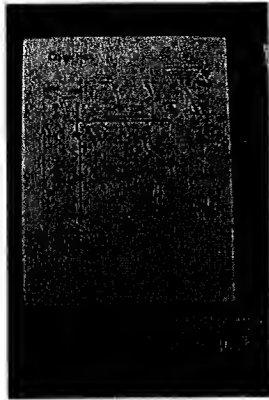


IMG\_0347.JPG  
Date & Time: 2018/03/22 14:29:16  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,705 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 323 driving chart



IMG\_0348.JPG  
Date & Time: 2018/03/22 14:29:23  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,615 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 324 driving chart

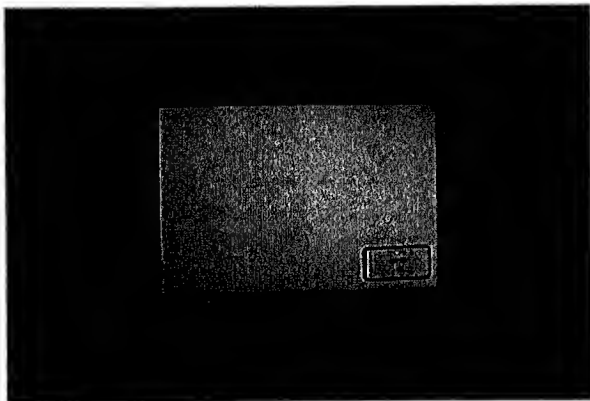
0620 Koelling 17  
Lake County Clerk Trial Evidence



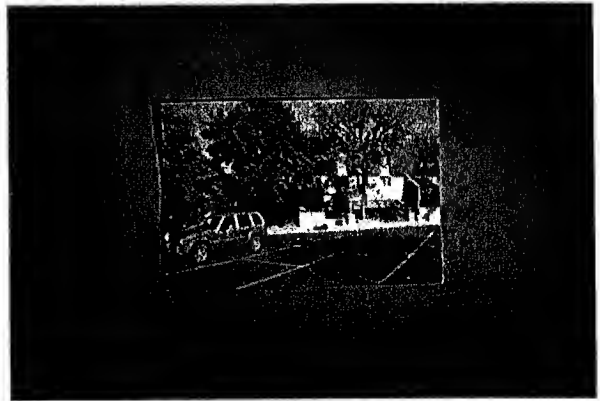
IMG\_0349.JPG  
Date & Time: 2018/03/22 14:29:31  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 5,051 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 325 driving chart



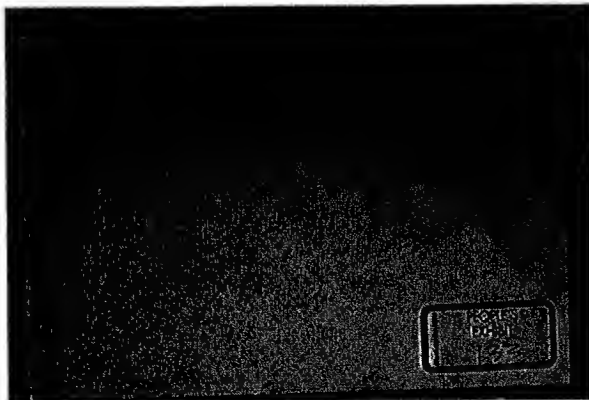
IMG\_0350.JPG  
Date & Time: 2018/03/22 14:40:35  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 6,064 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 133 back small



IMG\_0351.JPG  
Date & Time: 2018/03/22 14:40:51  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 5,401 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 133 back photo small DUP



IMG\_0352.JPG  
Date & Time: 2018/03/22 14:41:03  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 8,686 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 133 front small



IMG\_0353.JPG  
Date & Time: 2018/03/22 14:47:05  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,999 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 133 back



IMG\_0354.JPG  
Date & Time: 2018/03/22 14:47:21  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 8,456 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 133 front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0355.JPG  
Date & Time: 2018/03/22 14:48:54  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 4,470 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 134 back photo



IMG\_0356.JPG  
Date & Time: 2018/03/22 14:49:07  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,941 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 134 front



IMG\_0357.JPG  
Date & Time: 2018/03/22 14:49:23  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,579 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 135 back



IMG\_0358.JPG  
Date & Time: 2018/03/22 14:49:48  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,551 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 135 front



IMG\_0359.JPG  
Date & Time: 2018/03/22 14:50:06  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,001 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 136 back



IMG\_0360.JPG  
Date & Time: 2018/03/22 14:50:20  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 8,250 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 136 front



**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0361.JPG  
Date & Time: 2018/03/22 14:50:33  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,985 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 137 back



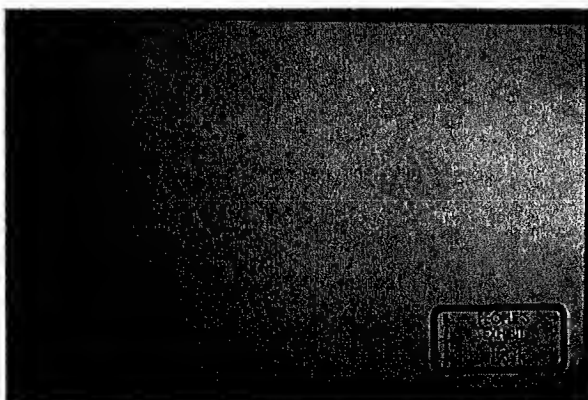
IMG\_0362.JPG  
Date & Time: 2018/03/22 14:50:42  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,900 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 137 front



IMG\_0363.JPG  
Date & Time: 2018/03/22 14:50:50  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,900 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 138 Back



IMG\_0364.JPG  
Date & Time: 2018/03/22 14:51:01  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,566 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 138 front



IMG\_0365.JPG  
Date & Time: 2018/03/22 14:51:13  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,301 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 139 back



IMG\_0366.JPG  
Date & Time: 2018/03/22 14:51:36  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 5,452 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 139 front



**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



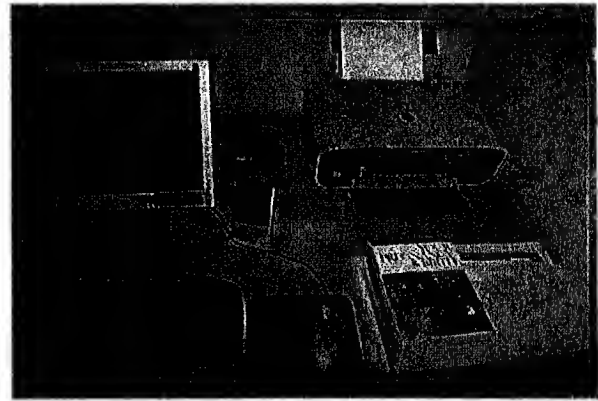
IMG\_0367.JPG  
Date & Time: 2018/03/22 14:51:45  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,872 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 140 back



IMG\_0368.JPG  
Date & Time: 2018/03/22 14:51:55  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,144 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 140 front



IMG\_0369.JPG  
Date & Time: 2018/03/22 14:52:06  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,986 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 142 back



IMG\_0370.JPG  
Date & Time: 2018/03/22 14:52:14  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,738 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 142 front



IMG\_0371.JPG  
Date & Time: 2018/03/22 14:52:25  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,982 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 143 back

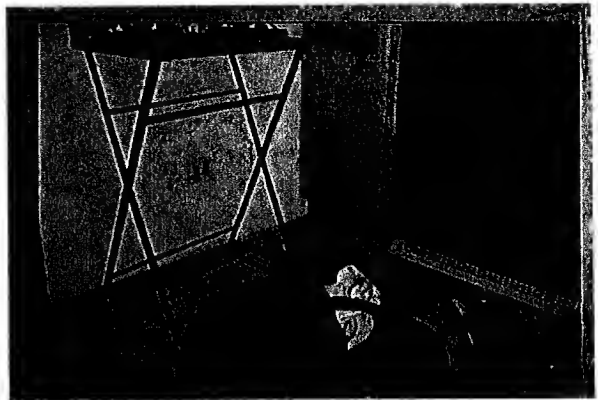


IMG\_0372.JPG  
Date & Time: 2018/03/22 14:52:32  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,318 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 143 front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0373.JPG  
Date & Time: 2018/03/22 14:52:41  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,890 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 145 back



IMG\_0374.JPG  
Date & Time: 2018/03/22 14:52:56  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,994 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 145 front



IMG\_0375.JPG  
Date & Time: 2018/03/22 14:53:03  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,886 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption:



IMG\_0376.JPG  
Date & Time: 2018/03/22 14:53:16  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,776 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 146 front



IMG\_0377.JPG  
Date & Time: 2018/03/22 14:53:25  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,560 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 147 back

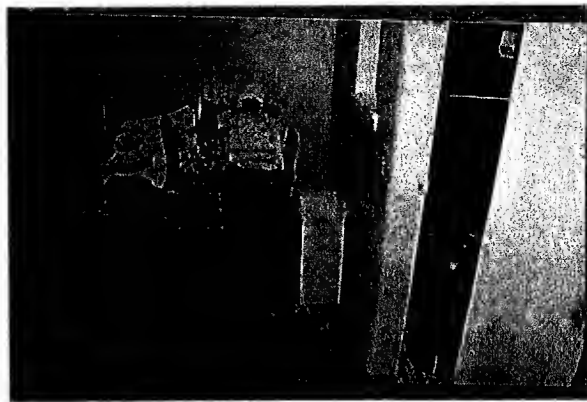


IMG\_0378.JPG  
Date & Time: 2018/03/22 14:53:33  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,858 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 147 front

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0379.JPG  
Date & Time: 2018/03/22 14:53:45  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,818 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 148 back



IMG\_0380.JPG  
Date & Time: 2018/03/22 14:53:54  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,776 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 148 front



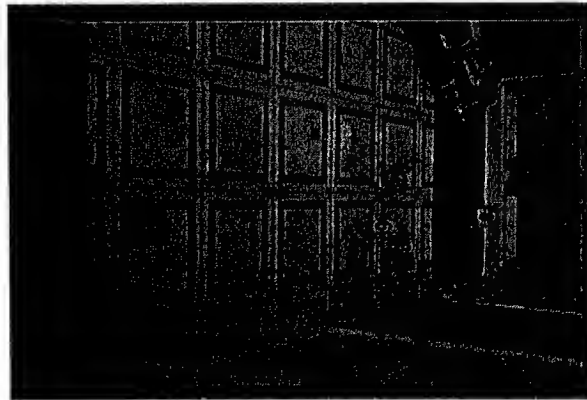
IMG\_0381.JPG  
Date & Time: 2018/03/22 14:54:04  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,716 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption:



IMG\_0382.JPG  
Date & Time: 2018/03/22 14:54:21  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,759 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 149 front #

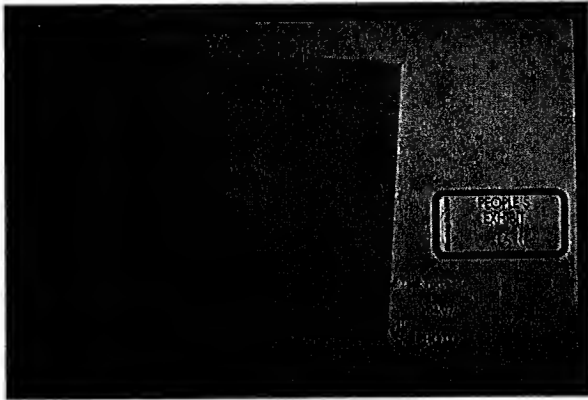


IMG\_0383.JPG  
Date & Time: 2018/03/22 14:54:44  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,298 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 150 back

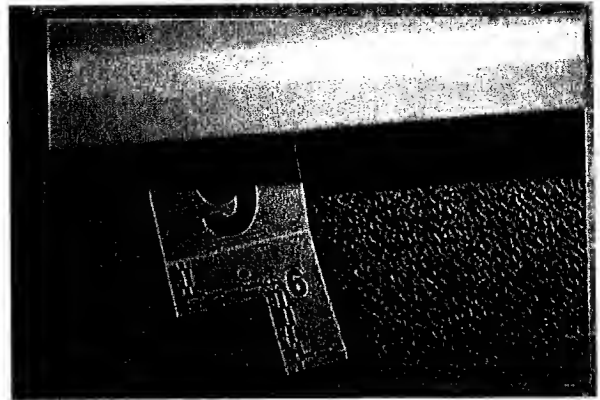


IMG\_0384.JPG  
Date & Time: 2018/03/22 14:54:56  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 6,757 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 150 front

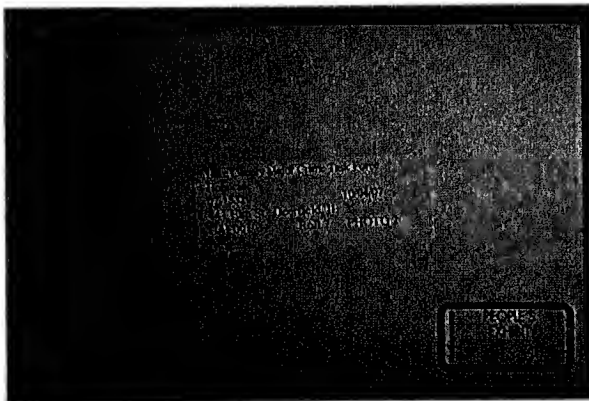
# 0620 Koelling 17 Lake County Clerk Trial Evidence



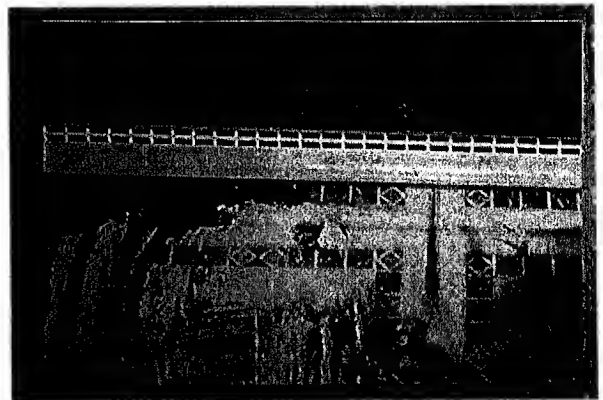
IMG\_0385.JPG  
Date & Time: 2018/03/22 14:55:49  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 5,904 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 151 back



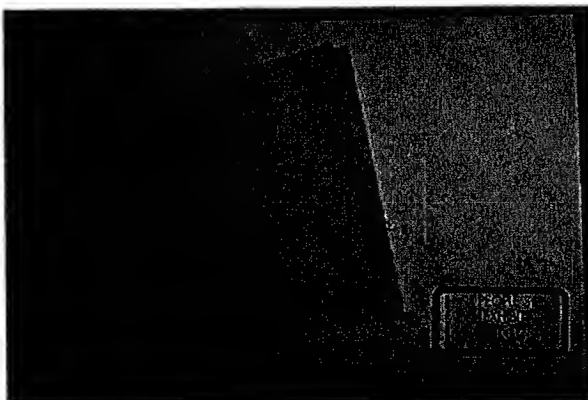
IMG\_0386.JPG  
Date & Time: 2018/03/22 14:56:01  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,938 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 151 front



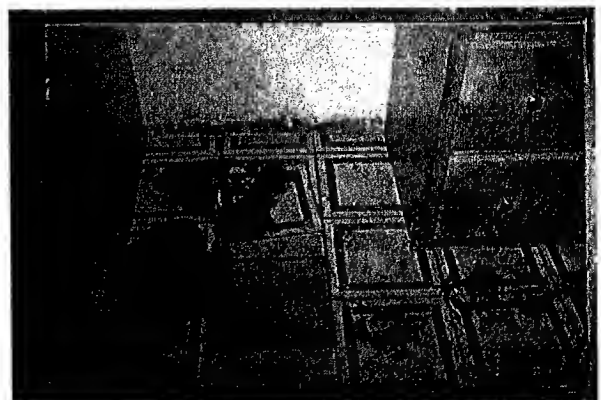
IMG\_0387.JPG  
Date & Time: 2018/03/22 14:56:29  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,078 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 153 back



IMG\_0388.JPG  
Date & Time: 2018/03/22 14:56:41  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,278 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 153 front

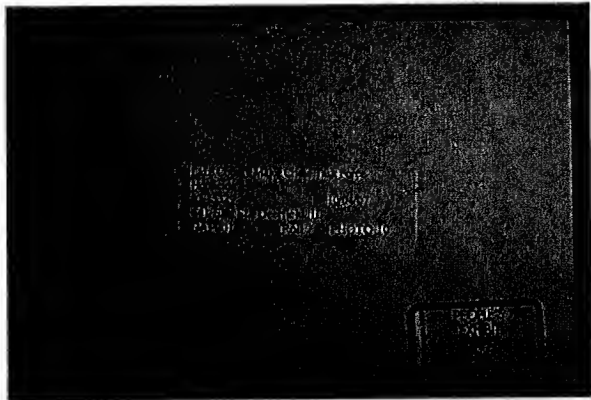


IMG\_0389.JPG  
Date & Time: 2018/03/22 14:57:02  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 5,713 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 154 back

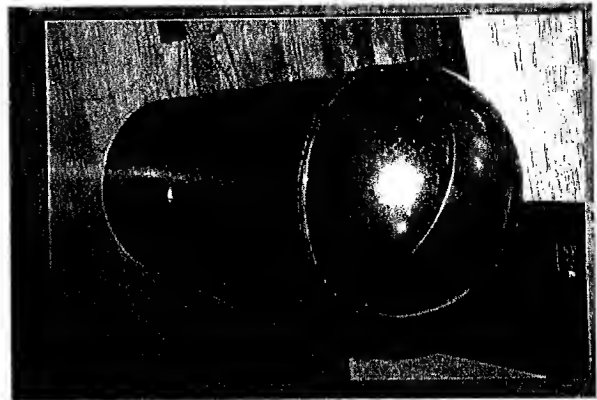


IMG\_0390.JPG  
Date & Time: 2018/03/22 14:57:16  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,936 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 154 front

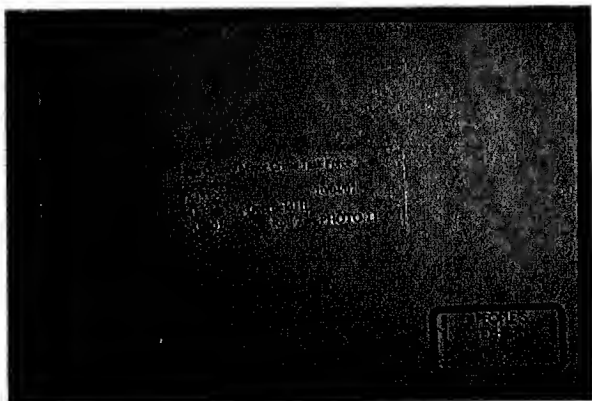
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0391.JPG  
Date & Time: 2018/03/22 14:57:41  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,927 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 155 back



IMG\_0392.JPG  
Date & Time: 2018/03/22 14:57:49  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 6,997 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 155 front



IMG\_0393.JPG  
Date & Time: 2018/03/22 14:58:01  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,851 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 156 back



IMG\_0394.JPG  
Date & Time: 2018/03/22 14:58:12  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,080 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 156 front



IMG\_0395.JPG  
Date & Time: 2018/03/22 14:58:22  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,964 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 157 back



IMG\_0396.JPG  
Date & Time: 2018/03/22 14:58:28  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 6,337 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 157 front



# 0620 Koelling 17

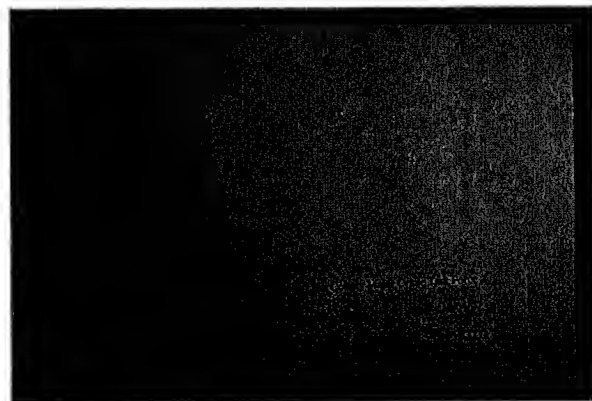
## Lake County Clerk Trial Evidence



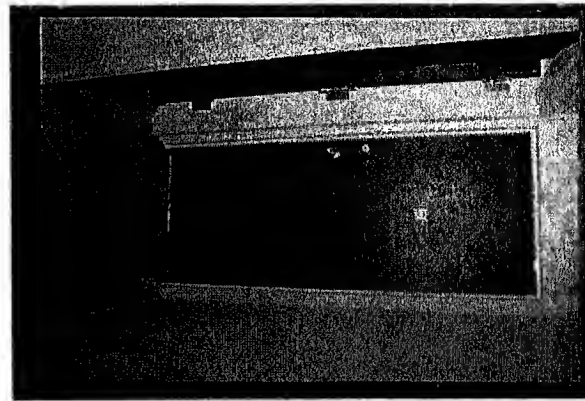
IMG\_0397.JPG  
Date & Time: 2018/03/22 14:58:42  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,887 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 158 back



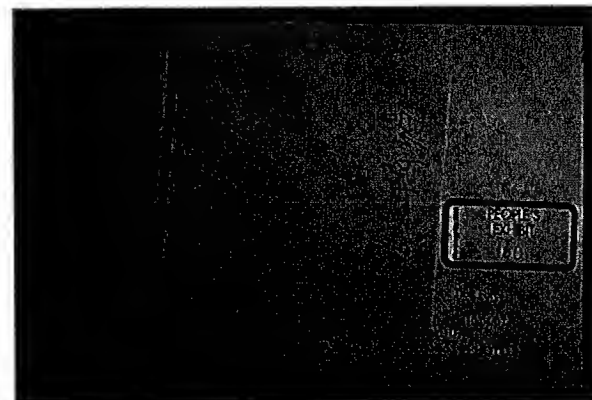
IMG\_0398.JPG  
Date & Time: 2018/03/22 14:58:54  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,432 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 158 front



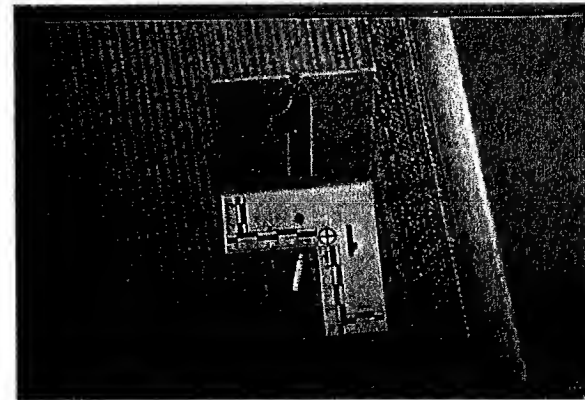
IMG\_0399.JPG  
Date & Time: 2018/03/22 14:59:07  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,924 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 159 back



IMG\_0400.JPG  
Date & Time: 2018/03/22 14:59:13  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,920 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 159 front



IMG\_0401.JPG  
Date & Time: 2018/03/22 14:59:25  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 6,213 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 160 back

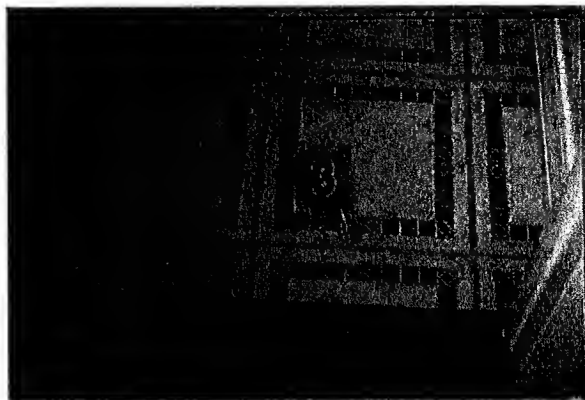


IMG\_0402.JPG  
Date & Time: 2018/03/22 14:59:49  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,618 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 160 front

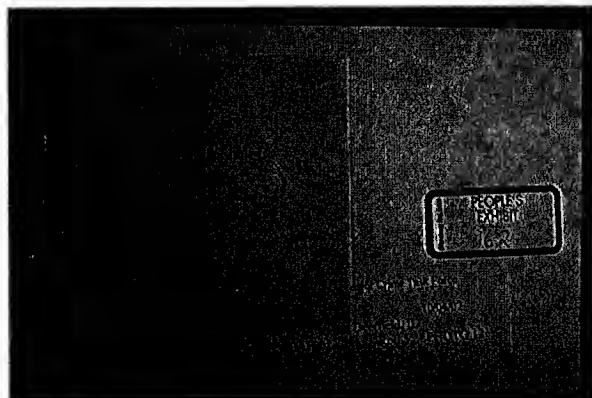
# 0620 Koelling 17 Lake County Clerk Trial Evidence



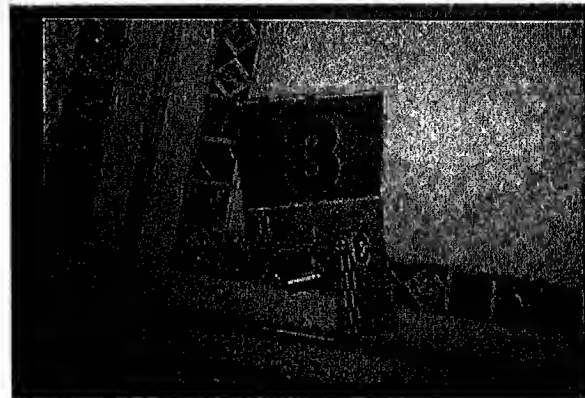
IMG\_0403.JPG  
Date & Time: 2018/03/22 15:00:00  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,810 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 161 back



IMG\_0404.JPG  
Date & Time: 2018/03/22 15:00:08  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,632 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 161 front



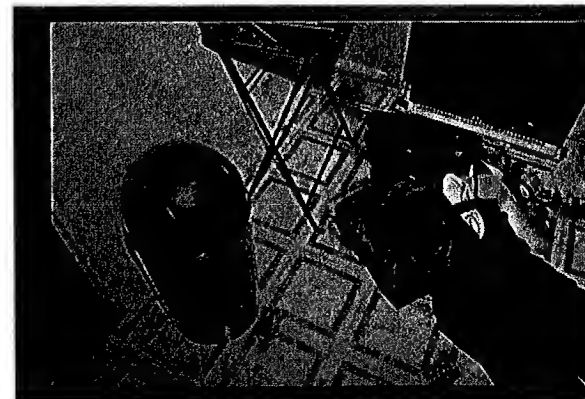
IMG\_0405.JPG  
Date & Time: 2018/03/22 15:00:20  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 6,211 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 162 back



IMG\_0406.JPG  
Date & Time: 2018/03/22 15:00:35  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,423 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 162 front

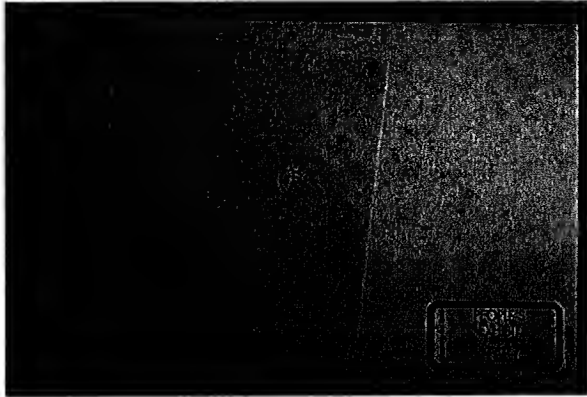


IMG\_0407.JPG  
Date & Time: 2018/03/22 15:00:45  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,656 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 163 back



IMG\_0408.JPG  
Date & Time: 2018/03/22 15:00:53  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,512 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 163 front

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



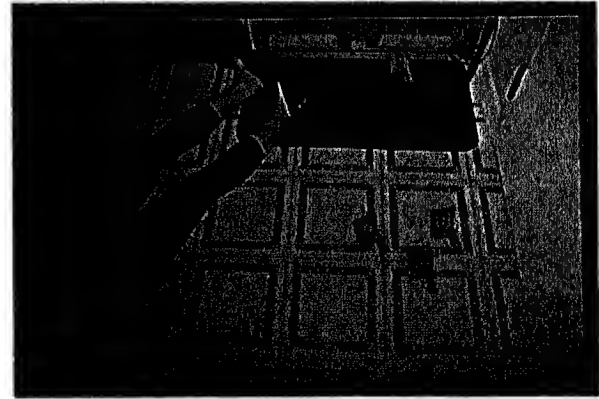
IMG\_0409.JPG  
Date & Time: 2018/03/22 15:01:04  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 6,087 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 164 back



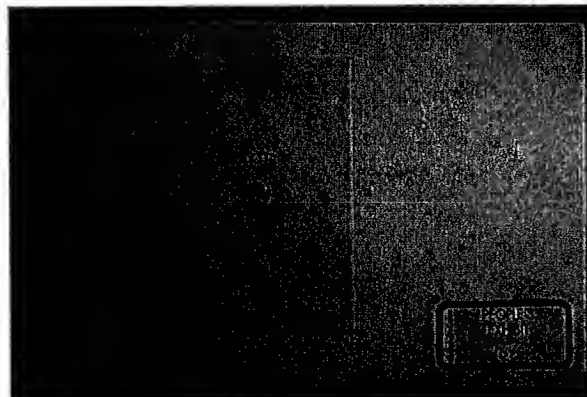
IMG\_0410.JPG  
Date & Time: 2018/03/22 15:01:12  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,958 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 164 front



IMG\_0411.JPG  
Date & Time: 2018/03/22 15:01:56  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,641 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 165 back



IMG\_0412.JPG  
Date & Time: 2018/03/22 15:02:07  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,878 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 165 front



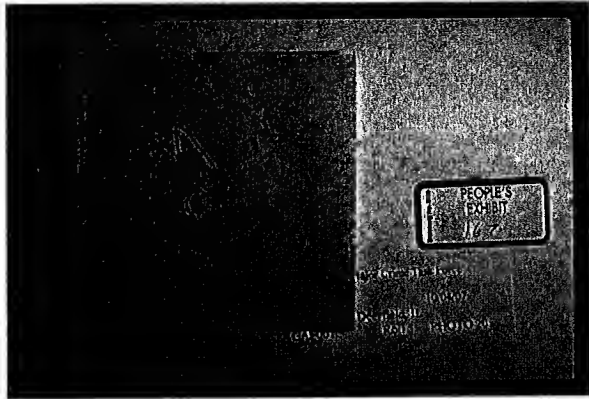
IMG\_0413.JPG  
Date & Time: 2018/03/22 15:02:17  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,992 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 166 back



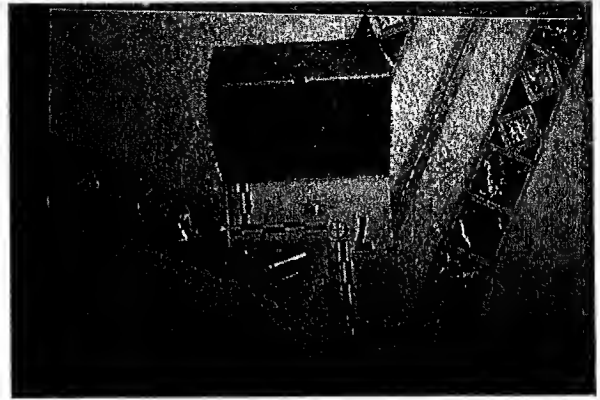
IMG\_0414.JPG  
Date & Time: 2018/03/22 15:02:25  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 6,057 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 166 front



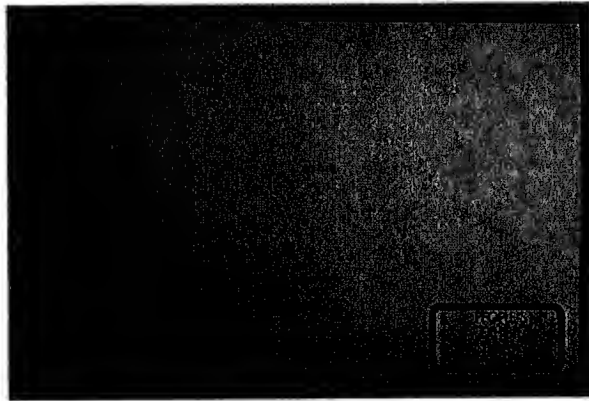
# 0620 Koelling 17 Lake County Clerk Trial Evidence



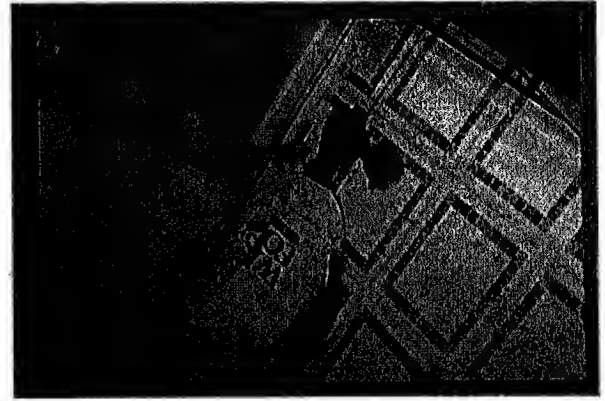
IMG\_0415.JPG  
Date & Time: 2018/03/22 15:02:33  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 6,326 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 167 back



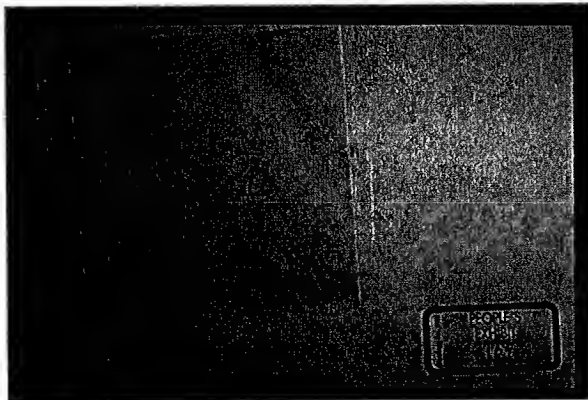
IMG\_0416.JPG  
Date & Time: 2018/03/22 15:02:54  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,620 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 167 front



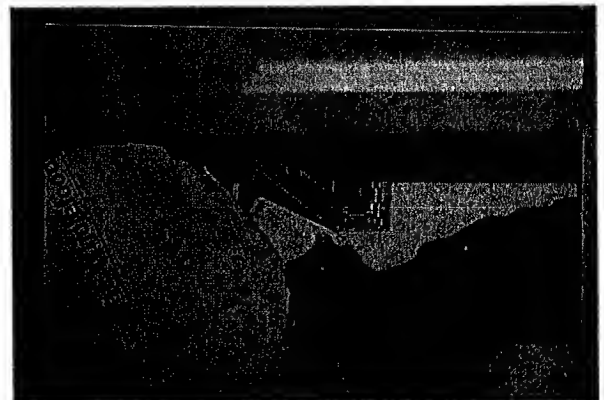
IMG\_0417.JPG  
Date & Time: 2018/03/22 15:03:10  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,729 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 168 back



IMG\_0418.JPG  
Date & Time: 2018/03/22 15:03:20  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,627 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 168 front



IMG\_0419.JPG  
Date & Time: 2018/03/22 15:03:26  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,945 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 169 back

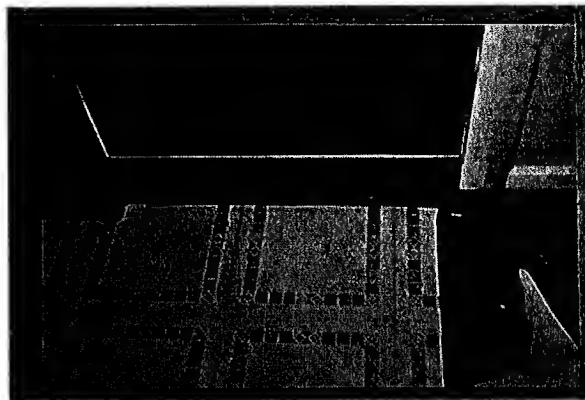


IMG\_0420.JPG  
Date & Time: 2018/03/22 15:03:34  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,915 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 169 front

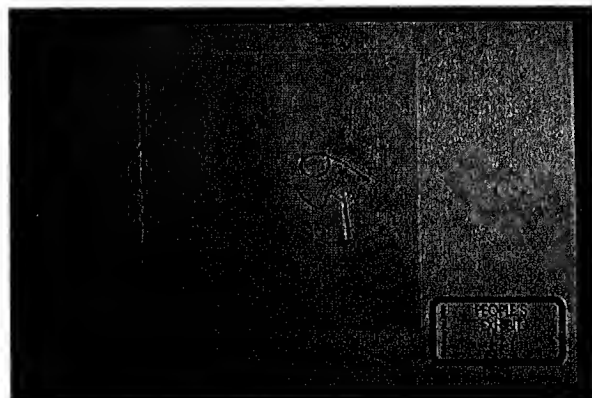
# 0620 Koelling 17 Lake County Clerk Trial Evidence



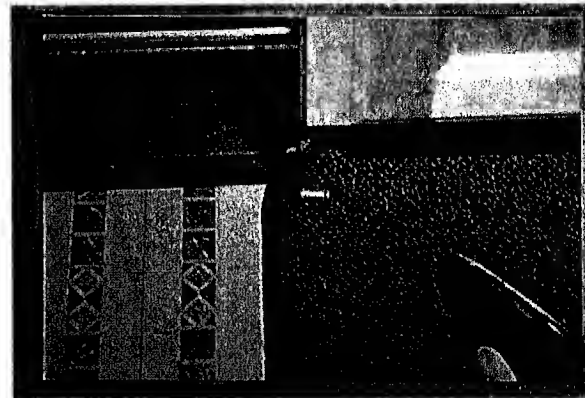
IMG\_0421.JPG  
Date & Time: 2018/03/22 15:04:15  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,017 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 170 back



IMG\_0422.JPG  
Date & Time: 2018/03/22 15:04:23  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,174 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 170 front



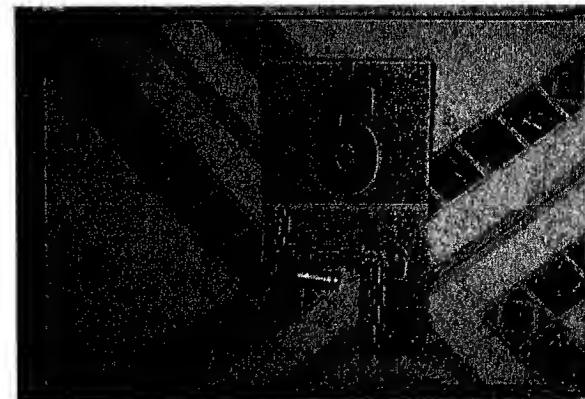
IMG\_0423.JPG  
Date & Time: 2018/03/22 15:04:31  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,221 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 171 back



IMG\_0424.JPG  
Date & Time: 2018/03/22 15:04:38  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 7,446 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 171 front



IMG\_0425.JPG  
Date & Time: 2018/03/22 15:04:47  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,460 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 172 back



IMG\_0426.JPG  
Date & Time: 2018/03/22 15:04:56  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,541 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 172 front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0427.JPG

Date & Time: 2018/03/22 15:05:07  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 5,118 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 173 back



IMG\_0428.JPG

Date & Time: 2018/03/22 15:05:15  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 6,521 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 173 front



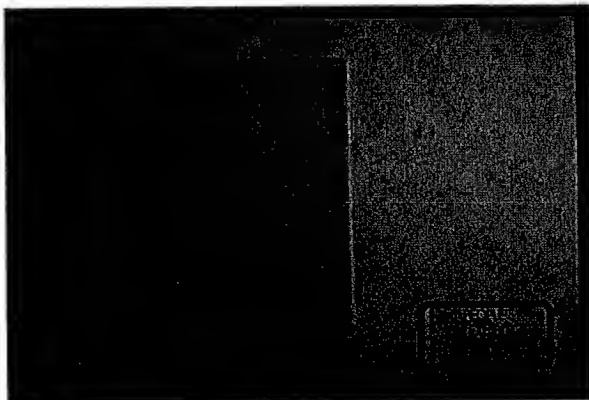
IMG\_0429.JPG

Date & Time: 2018/03/22 15:05:24  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 5,072 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 174 back



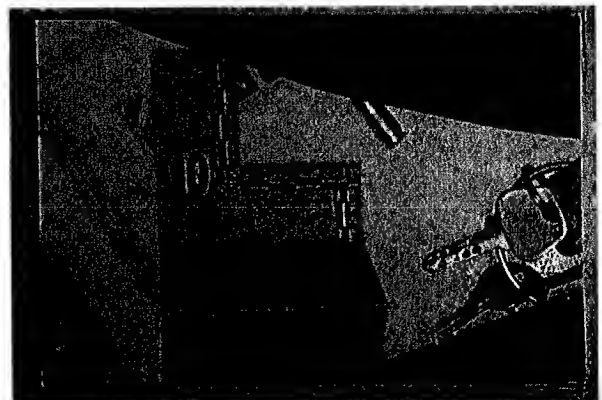
IMG\_0430.JPG

Date & Time: 2018/03/22 15:05:40  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,997 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 174 front



IMG\_0431.JPG

Date & Time: 2018/03/22 15:06:01  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,728 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 175 back



IMG\_0432.JPG

Date & Time: 2018/03/22 15:06:24  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,893 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 175 front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



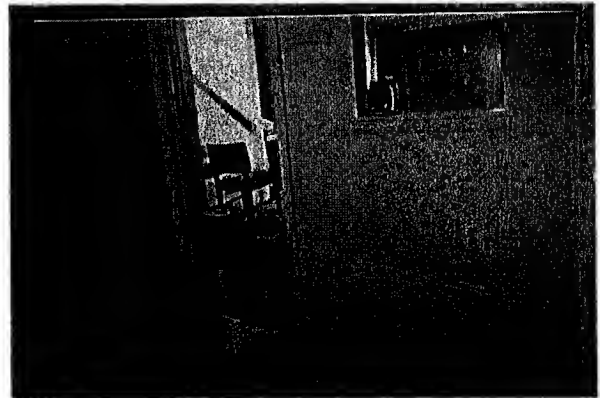
IMG\_0433.JPG  
Date & Time: 2018/03/22 15:06:33  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,387 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 176 back



IMG\_0434.JPG  
Date & Time: 2018/03/22 15:06:40  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 7,006 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 176 front



IMG\_0435.JPG  
Date & Time: 2018/03/22 15:06:46  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,783 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 177 back



IMG\_0436.JPG  
Date & Time: 2018/03/22 15:06:56  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,174 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 177 front



IMG\_0437.JPG  
Date & Time: 2018/03/22 15:07:09  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,709 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 178 back



IMG\_0438.JPG  
Date & Time: 2018/03/22 15:07:09  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,693 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 178 back DUP

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0439.JPG  
Date & Time: 2018/03/22 15:07:25  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,315 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 178 front



IMG\_0440.JPG  
Date & Time: 2018/03/22 15:07:51  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,547 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 179 back



IMG\_0441.JPG  
Date & Time: 2018/03/22 15:07:59  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,316 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 179 front



IMG\_0442.JPG  
Date & Time: 2018/03/22 15:08:09  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,736 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 180 back



IMG\_0443.JPG  
Date & Time: 2018/03/22 15:08:24  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,836 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 180 front



IMG\_0444.JPG  
Date & Time: 2018/03/22 15:08:49  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,654 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 181 back



# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0445.JPG

Date & Time: 2018/03/22 15:08:56  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,135 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 181 front



IMG\_0446.JPG

Date & Time: 2018/03/22 15:09:05  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,871 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 186 back



IMG\_0447.JPG

Date & Time: 2018/03/22 15:09:19  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,579 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 186 front



IMG\_0448.JPG

Date & Time: 2018/03/22 15:09:31  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,600 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 188 back



IMG\_0449.JPG

Date & Time: 2018/03/22 15:09:39  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 7,269 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 188 front



IMG\_0450.JPG

Date & Time: 2018/03/22 15:09:53  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,778 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 189 back

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0451.JPG

Date & Time: 2018/03/22 15:10:28  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 7,931 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 189 front



IMG\_0452.JPG

Date & Time: 2018/03/22 15:10:38  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,674 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 190 back



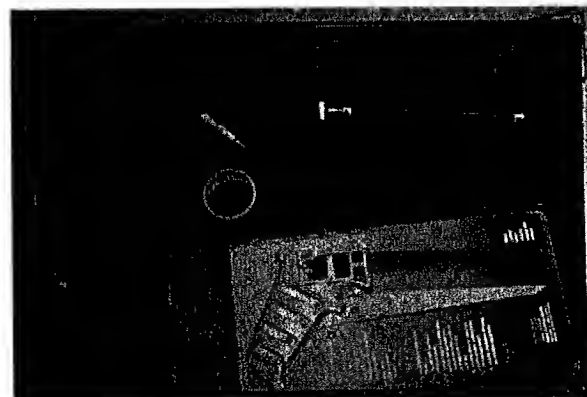
IMG\_0453.JPG

Date & Time: 2018/03/22 15:10:51  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 8,045 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 190 front



IMG\_0454.JPG

Date & Time: 2018/03/22 15:11:00  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,858 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 191 back



IMG\_0455.JPG

Date & Time: 2018/03/22 15:11:08  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,981 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 191 front



IMG\_0456.JPG

Date & Time: 2018/03/22 15:11:15  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,865 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 192 back

# 0620 Koelling 17 Lake County Clerk Trial Evidence



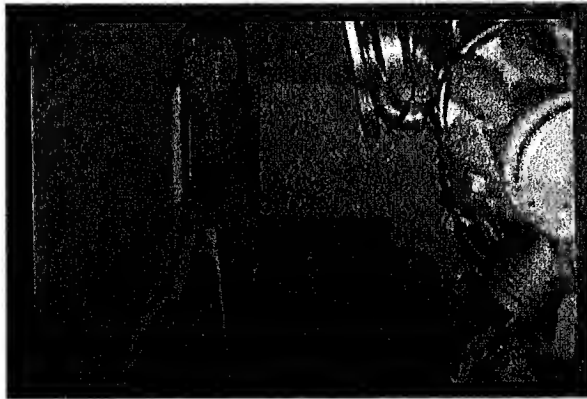
IMG\_0457.JPG

Date & Time: 2018/03/22 15:11:25  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 7,770 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 192 front



IMG\_0458.JPG

Date & Time: 2018/03/22 15:11:38  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,823 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 193 back



IMG\_0459.JPG

Date & Time: 2018/03/22 15:12:01  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,408 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 193 front



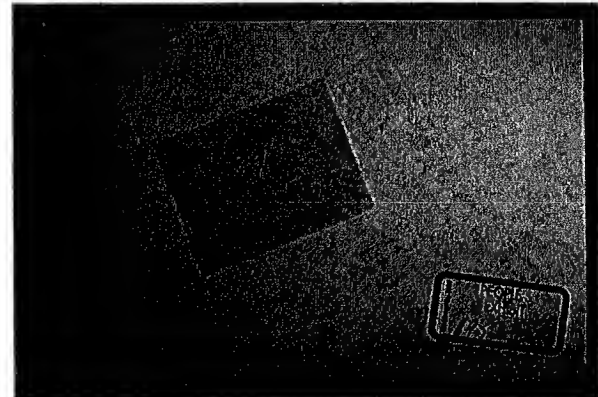
IMG\_0460.JPG

Date & Time: 2018/03/22 15:12:10  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,220 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 194 back



IMG\_0461.JPG

Date & Time: 2018/03/22 15:12:20  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,305 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 194 front

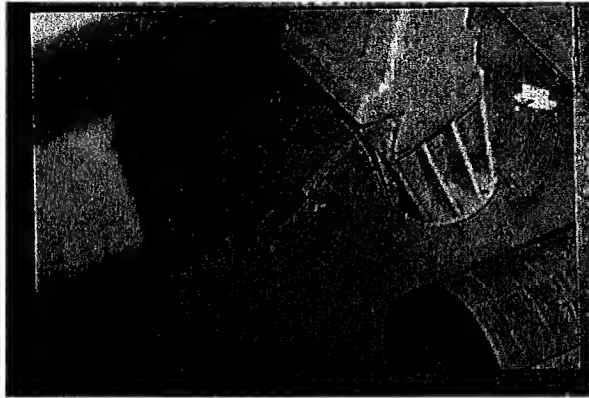


IMG\_0462.JPG

Date & Time: 2018/03/22 15:12:30  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,345 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 195 back



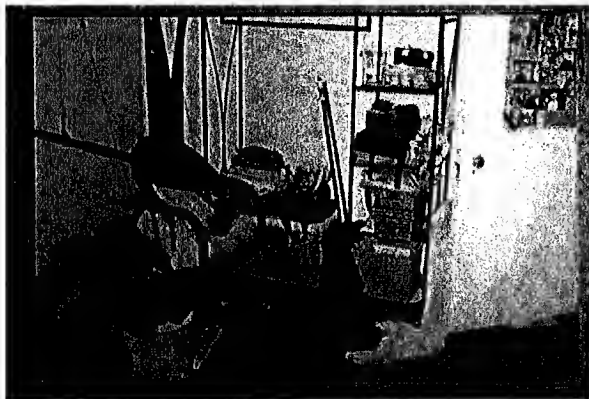
**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0463.JPG  
Date & Time: 2018/03/22 15:12:40  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,080 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 195 front



IMG\_0464.JPG  
Date & Time: 2018/03/22 15:12:53  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,159 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 196 back



IMG\_0465.JPG  
Date & Time: 2018/03/22 15:13:01  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,436 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 196 front



IMG\_0466.JPG  
Date & Time: 2018/03/22 15:13:14  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,873 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 197 back

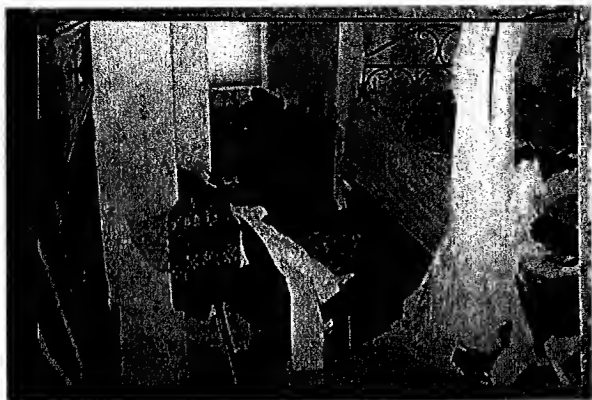


IMG\_0467.JPG  
Date & Time: 2018/03/22 15:13:31  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,237 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 197 front



IMG\_0468.JPG  
Date & Time: 2018/03/22 15:13:46  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,085 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 198 back

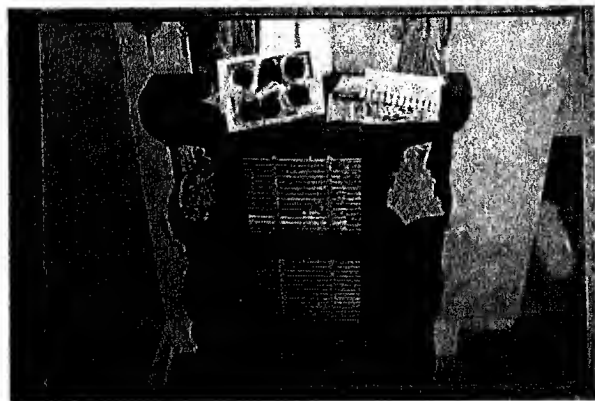
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0469.JPG  
Date & Time: 2018/03/22 15:14:03  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,597 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 198 front



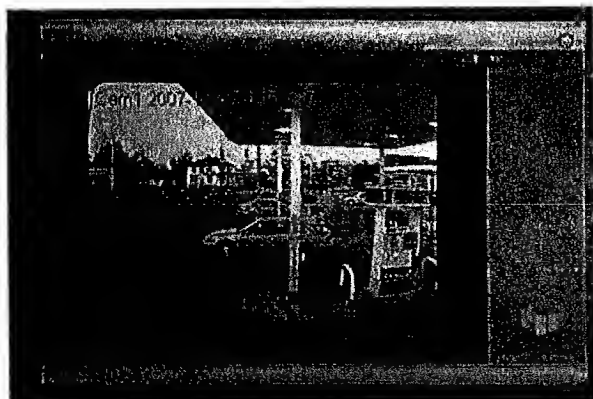
IMG\_0470.JPG  
Date & Time: 2018/03/22 15:14:32  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,646 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 204 back



IMG\_0471.JPG  
Date & Time: 2018/03/22 15:14:41  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,585 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 204 front



IMG\_0472.JPG  
Date & Time: 2018/03/22 15:15:05  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,899 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 205 back

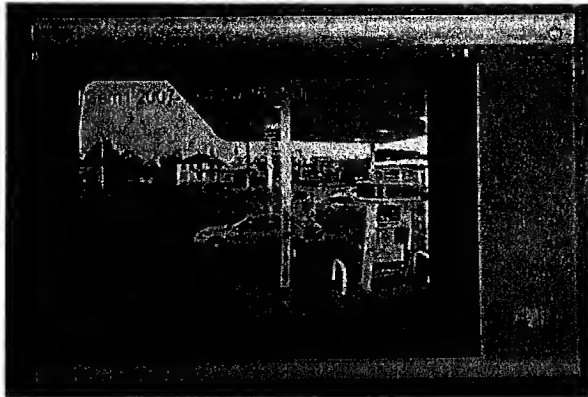


IMG\_0473.JPG  
Date & Time: 2018/03/22 15:15:13  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,810 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 205 front



IMG\_0474.JPG  
Date & Time: 2018/03/22 15:15:22  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,865 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 206 back

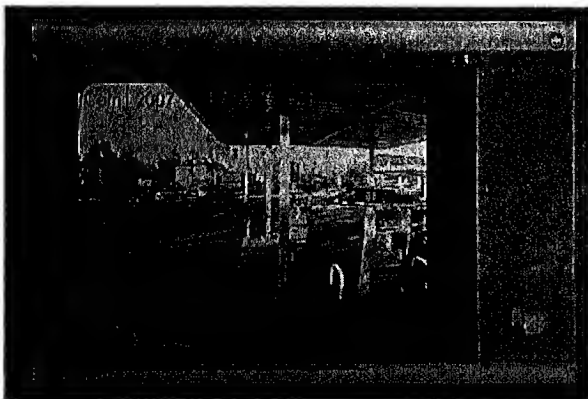
0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0475.JPG  
Date & Time: 2018/03/22 15:15:30  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,730 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 206 front



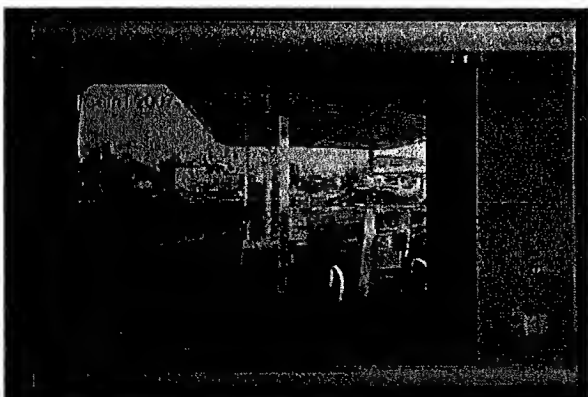
IMG\_0476.JPG  
Date & Time: 2018/03/22 15:16:00  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,704 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 207 back



IMG\_0477.JPG  
Date & Time: 2018/03/22 15:16:17  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,707 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 207 front



IMG\_0478.JPG  
Date & Time: 2018/03/22 15:16:40  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,700 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 208 back

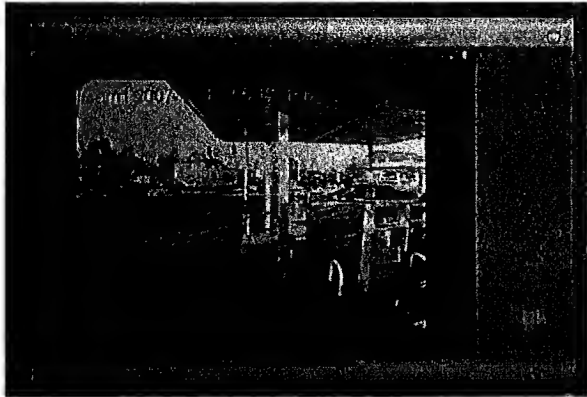


IMG\_0479.JPG  
Date & Time: 2018/03/22 15:16:48  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,545 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 208 front



IMG\_0480.JPG  
Date & Time: 2018/03/22 15:17:00  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,820 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 209 back

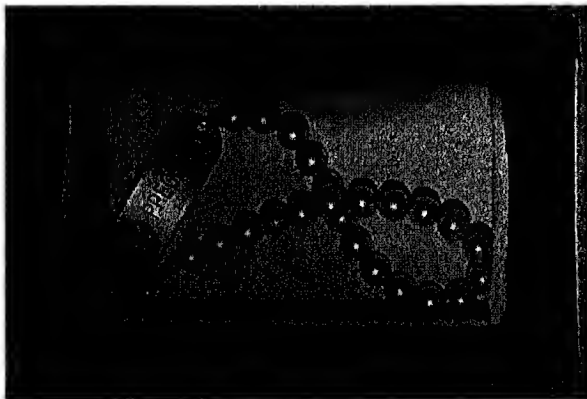
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0481.JPG  
Date & Time: 2018/03/22 15:17:08  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,630 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 209 front



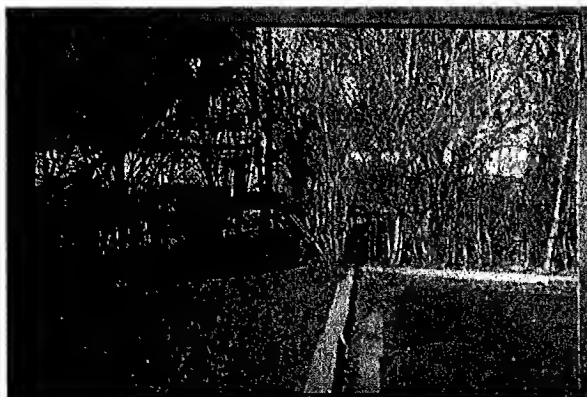
IMG\_0482.JPG  
Date & Time: 2018/03/22 15:17:17  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,543 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 210 back



IMG\_0483.JPG  
Date & Time: 2018/03/22 15:17:25  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,565 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 210 front



IMG\_0484.JPG  
Date & Time: 2018/03/22 15:17:35  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,912 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 211 back



IMG\_0485.JPG  
Date & Time: 2018/03/22 15:17:46  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 9,669 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 211 front



IMG\_0486.JPG  
Date & Time: 2018/03/22 15:18:01  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,808 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 212 back

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0487.JPG  
Date & Time: 2018/03/22 15:18:09  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 9,560 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 212 front



IMG\_0488.JPG  
Date & Time: 2018/03/22 15:18:17  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,762 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 213 back



IMG\_0489.JPG  
Date & Time: 2018/03/22 15:18:24  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,446 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 213 front



IMG\_0490.JPG  
Date & Time: 2018/03/22 15:18:30  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,528 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 214 back



IMG\_0491.JPG  
Date & Time: 2018/03/22 15:18:50  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,176 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 214 front



IMG\_0492.JPG  
Date & Time: 2018/03/22 15:19:22  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,781 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 215 back



0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0493.JPG  
Date & Time: 2018/03/22 15:19:30  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,611 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 215 front



IMG\_0494.JPG  
Date & Time: 2018/03/22 15:19:42  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,897 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 216 back



IMG\_0495.JPG  
Date & Time: 2018/03/22 15:19:50  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,195 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 216 front



IMG\_0496.JPG  
Date & Time: 2018/03/22 15:20:00  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,732 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 217 back



IMG\_0497.JPG  
Date & Time: 2018/03/22 15:20:06  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,410 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 217 front



IMG\_0498.JPG  
Date & Time: 2018/03/22 15:20:14  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,642 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 218 back

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0499.JPG  
Date & Time: 2018/03/22 15:20:22  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,613 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 218 front



IMG\_0500.JPG  
Date & Time: 2018/03/22 15:20:29  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,836 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 219 back



IMG\_0501.JPG  
Date & Time: 2018/03/22 15:20:37  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,426 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 219 front



IMG\_0502.JPG  
Date & Time: 2018/03/22 15:20:45  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,873 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 220 back

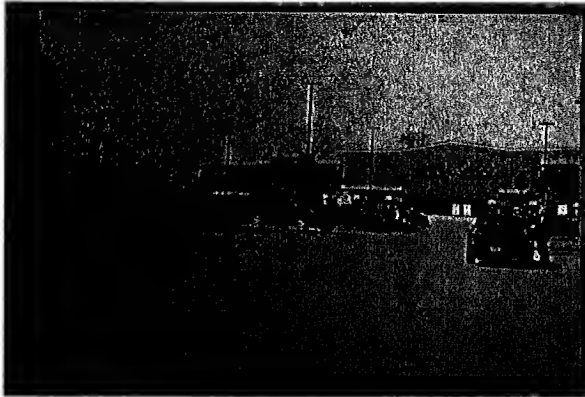


IMG\_0503.JPG  
Date & Time: 2018/03/22 15:20:53  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 5,580 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 220 front



IMG\_0504.JPG  
Date & Time: 2018/03/22 15:20:59  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,709 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 221 back

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0505.JPG  
Date & Time: 2018/03/22 15:21:07  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,540 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 221 front



IMG\_0506.JPG  
Date & Time: 2018/03/22 15:21:13  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,592 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 222 back



IMG\_0507.JPG  
Date & Time: 2018/03/22 15:21:21  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,791 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 222 front



IMG\_0508.JPG  
Date & Time: 2018/03/22 15:21:27  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,688 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 223 back



IMG\_0509.JPG  
Date & Time: 2018/03/22 15:21:34  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,876 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 223 front



IMG\_0510.JPG  
Date & Time: 2018/03/22 15:21:39  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,748 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 224 back



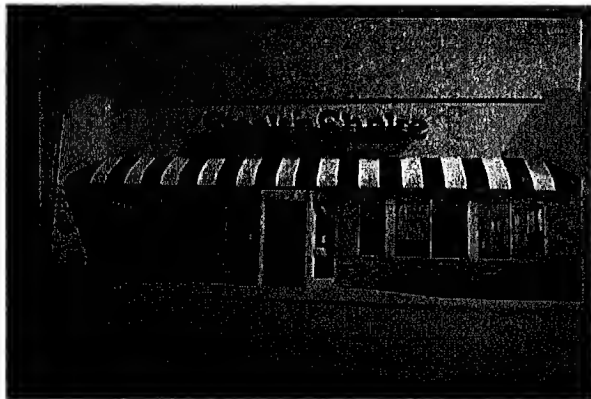
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0511.JPG  
Date & Time: 2018/03/22 15:21:47  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,378 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 224 front



IMG\_0512.JPG  
Date & Time: 2018/03/22 15:21:53  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,678 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 225 back



IMG\_0513.JPG  
Date & Time: 2018/03/22 15:22:00  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,988 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 225 front



IMG\_0514.JPG  
Date & Time: 2018/03/22 15:22:08  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,584 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 226 back

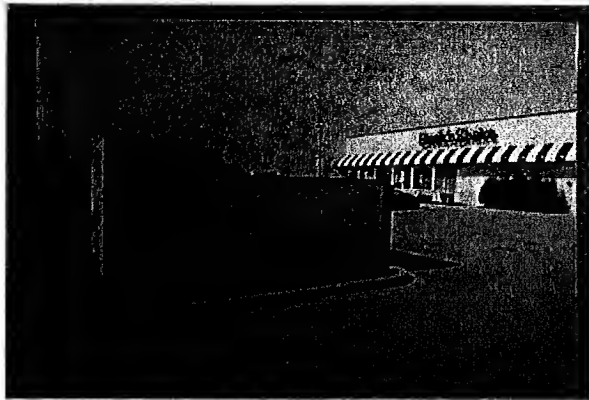


IMG\_0515.JPG  
Date & Time: 2018/03/22 15:22:16  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,200 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 226 front



IMG\_0516.JPG  
Date & Time: 2018/03/22 15:22:21  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,474 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 227 back

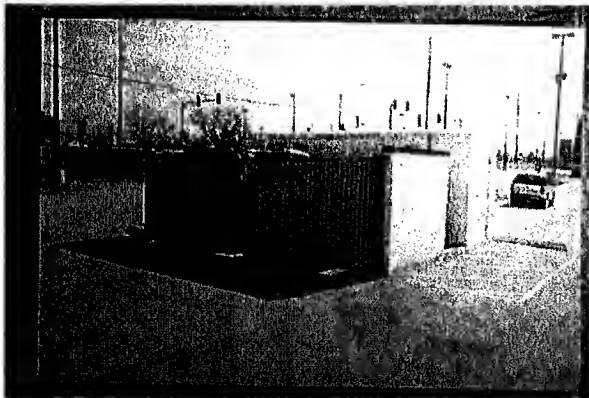
0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0517.JPG  
Date & Time: 2018/03/22 15:22:29  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,546 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 227 front



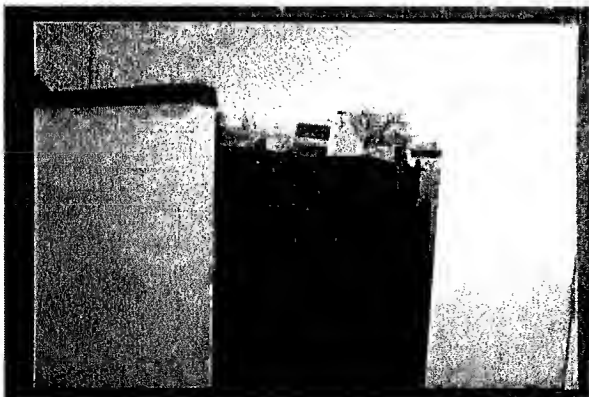
IMG\_0518.JPG  
Date & Time: 2018/03/22 15:22:35  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,378 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 228 back



IMG\_0519.JPG  
Date & Time: 2018/03/22 15:22:42  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 5,800 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 228 front



IMG\_0520.JPG  
Date & Time: 2018/03/22 15:22:50  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,802 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 229 back

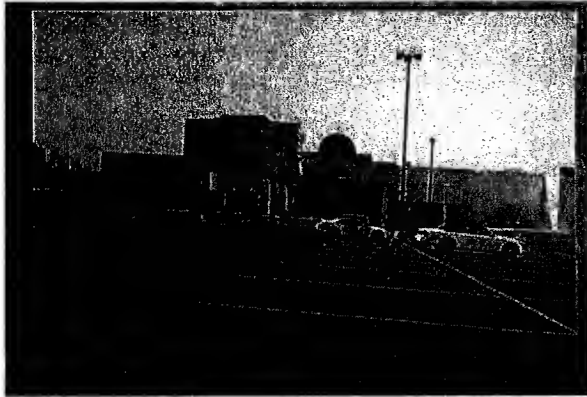


IMG\_0521.JPG  
Date & Time: 2018/03/22 15:22:56  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 4,634 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 229 front



IMG\_0522.JPG  
Date & Time: 2018/03/22 15:23:02  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,663 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 230 back

0620 Koelling 17  
Lake County Clerk Trial Evidence



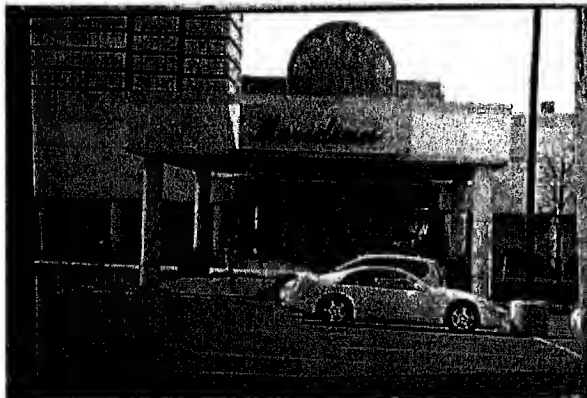
IMG\_0523.JPG

Date & Time: 2018/03/22 15:23:12  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,618 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 230 front



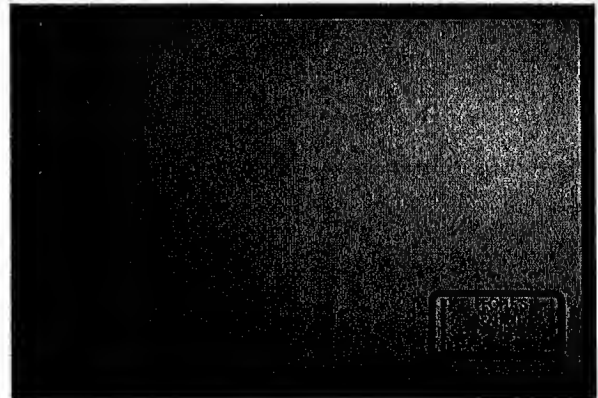
IMG\_0524.JPG

Date & Time: 2018/03/22 15:23:19  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,619 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 231 back



IMG\_0525.JPG

Date & Time: 2018/03/22 15:23:26  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 6,010 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 231 front



IMG\_0526.JPG

Date & Time: 2018/03/22 15:23:33  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,705 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 232 back



IMG\_0527.JPG

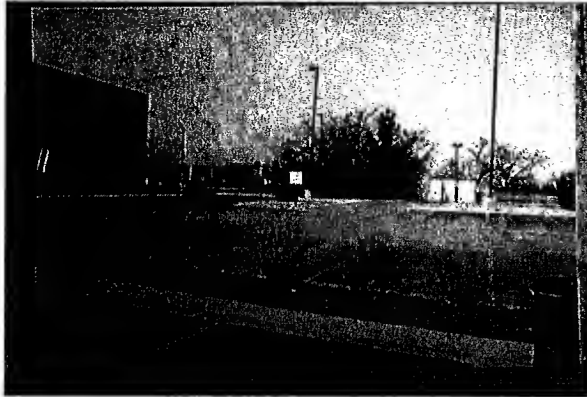
Date & Time: 2018/03/22 15:23:41  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 5,747 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 232 front



IMG\_0528.JPG

Date & Time: 2018/03/22 15:23:48  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 4,741 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 233 back

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0529.JPG  
Date & Time: 2018/03/22 15:23:55  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,445 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 233 front



IMG\_0530.JPG  
Date & Time: 2018/03/22 15:24:01  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,475 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 234 back



IMG\_0531.JPG  
Date & Time: 2018/03/22 15:24:08  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,828 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 234 front



IMG\_0532.JPG  
Date & Time: 2018/03/22 15:24:13  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,474 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 235 back

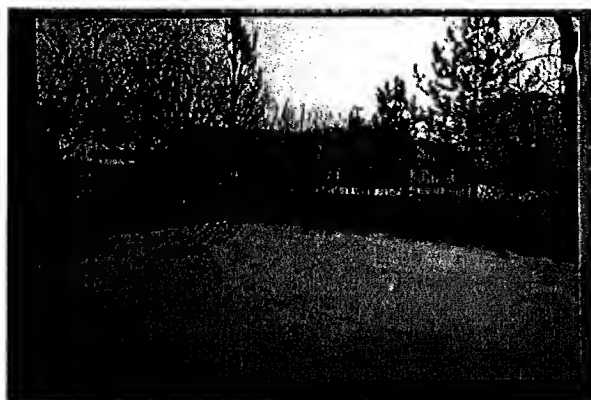


IMG\_0533.JPG  
Date & Time: 2018/03/22 15:24:19  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,543 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 235 front



IMG\_0534.JPG  
Date & Time: 2018/03/22 15:24:25  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,619 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 236 back

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0535.JPG  
Date & Time: 2018/03/22 15:24:31  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 7,673 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 236 front



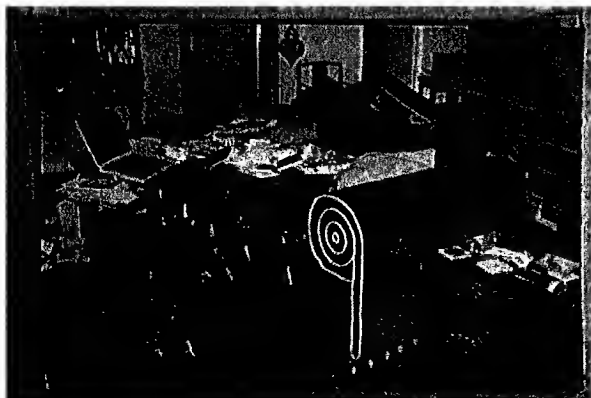
IMG\_0536.JPG  
Date & Time: 2018/03/22 15:24:39  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,613 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 237 back



IMG\_0537.JPG  
Date & Time: 2018/03/22 15:24:45  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 7,250 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 237 front



IMG\_0538.JPG  
Date & Time: 2018/03/22 15:24:50  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,723 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 238 back



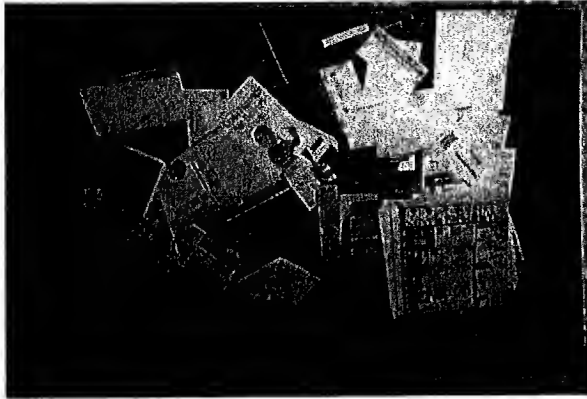
IMG\_0539.JPG  
Date & Time: 2018/03/22 15:24:57  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 7,983 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 238 front



IMG\_0540.JPG  
Date & Time: 2018/03/22 15:25:19  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,602 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 239 back

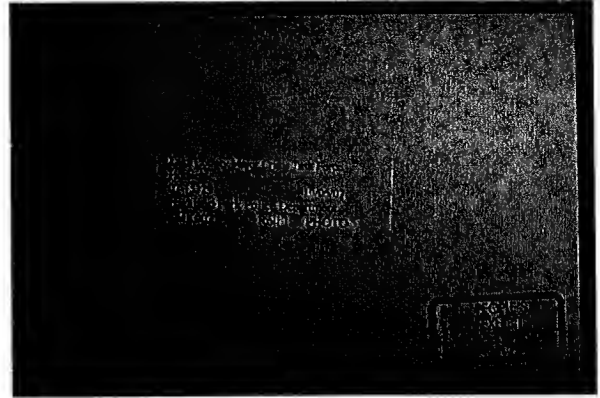


# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0541.JPG

Date & Time: 2018/03/22 15:25:25  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,282 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 239 front



IMG\_0542.JPG

Date & Time: 2018/03/22 15:25:33  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 4,906 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 241 back



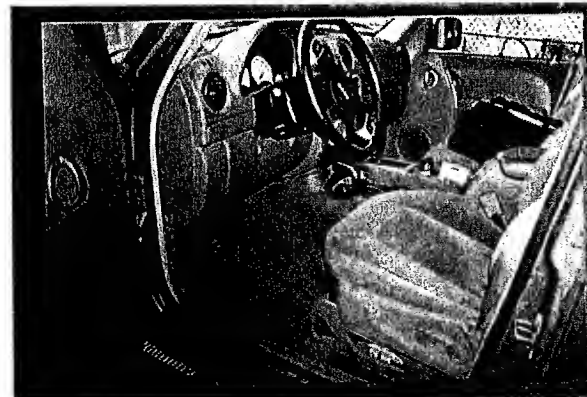
IMG\_0543.JPG

Date & Time: 2018/03/22 15:25:41  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 7,010 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 241 front



IMG\_0544.JPG

Date & Time: 2018/03/22 15:25:49  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,945 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 242 back



IMG\_0545.JPG

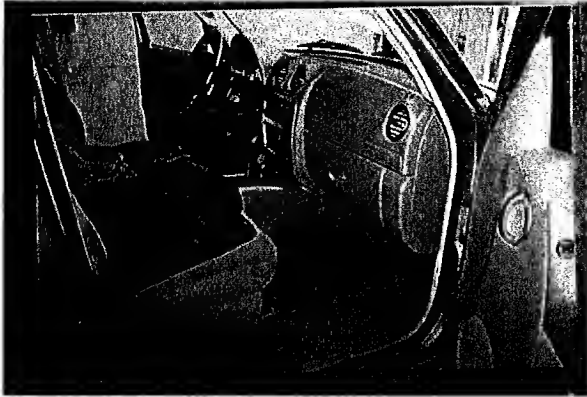
Date & Time: 2018/03/22 15:25:59  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 6,910 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 242 front



IMG\_0546.JPG

Date & Time: 2018/03/22 15:26:08  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,976 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 243 back

# 0620 Koelling 17 Lake County Clerk Trial Evidence



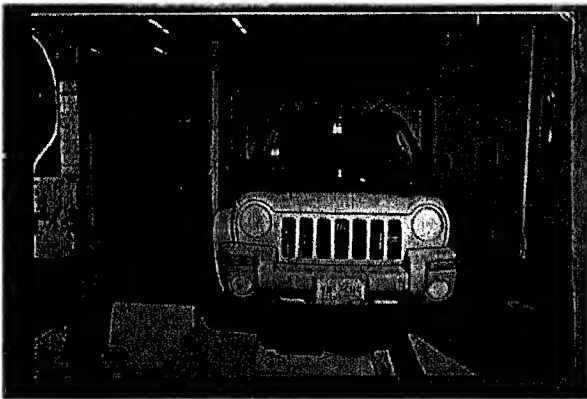
IMG\_0547.JPG

Date & Time: 2018/03/22 15:26:17  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,180 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 243 front



IMG\_0548.JPG

Date & Time: 2018/03/22 15:26:25  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,987 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 240 back



IMG\_0549.JPG

Date & Time: 2018/03/22 15:26:34  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,564 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 241 front



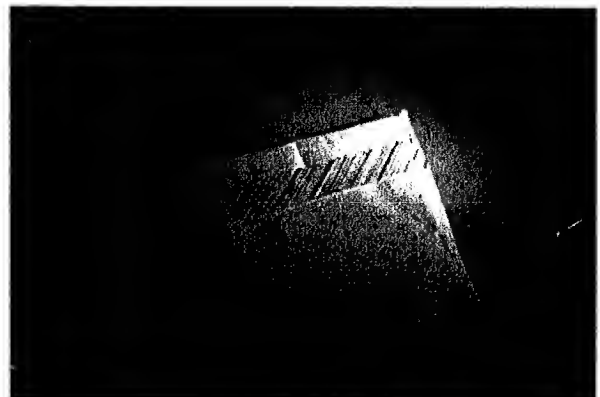
IMG\_0550.JPG

Date & Time: 2018/03/22 15:26:42  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,695 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 286 back



IMG\_0551.JPG

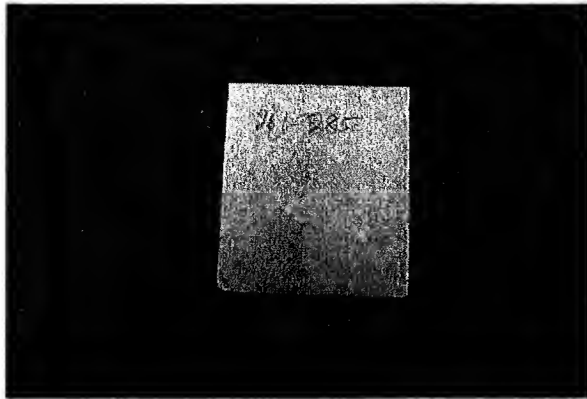
Date & Time: 2018/03/22 15:26:48  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,817 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 286 front



IMG\_0552.JPG

Date & Time: 2018/03/22 15:28:54  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 4,800 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Picture envelope resealed

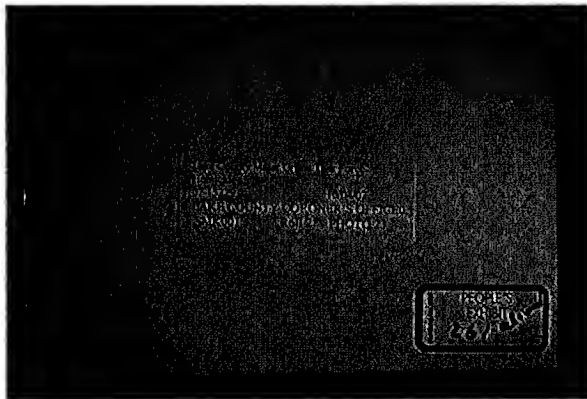
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0553.JPG  
Date & Time: 2018/03/22 15:30:17  
Exp. Info: ISO 800 / 1/20 s / f/8; File Size: 4,740 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Envelope with pictures 261-285 front



IMG\_0554.JPG  
Date & Time: 2018/03/22 15:30:22  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 4,803 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Envelope back sealed



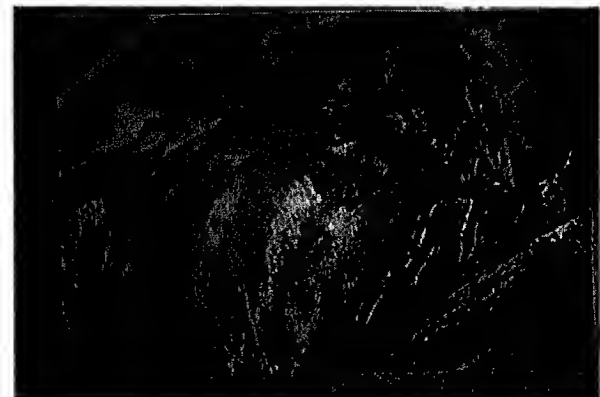
IMG\_0555.JPG  
Date & Time: 2018/03/22 15:34:30  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,918 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 261 back



IMG\_0556.JPG  
Date & Time: 2018/03/22 15:34:39  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,330 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 261 front



IMG\_0557.JPG  
Date & Time: 2018/03/22 15:34:51  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,896 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 262 back



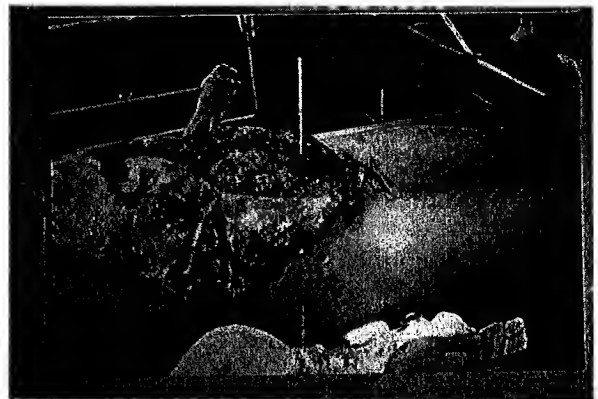
IMG\_0558.JPG  
Date & Time: 2018/03/22 15:35:03  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 6,682 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 262 front



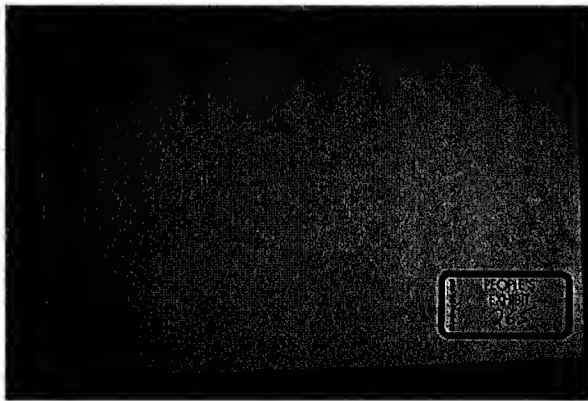
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0559.JPG  
Date & Time: 2018/03/22 15:35:14  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,179 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 263 back



IMG\_0560.JPG  
Date & Time: 2018/03/22 15:35:23  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,645 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 263 front



IMG\_0561.JPG  
Date & Time: 2018/03/22 15:35:33  
Exp. Info: ISO 800 / 1/1600 s / f/8; File Size: 4,805 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 265 back



IMG\_0562.JPG  
Date & Time: 2018/03/22 15:35:41  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 5,271 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 265 front

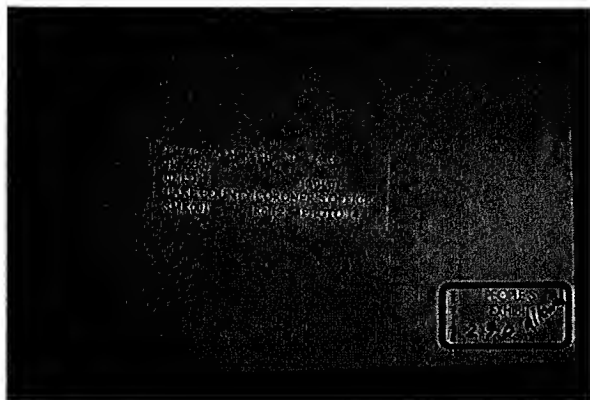


IMG\_0563.JPG  
Date & Time: 2018/03/22 15:35:58  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,020 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 267 back

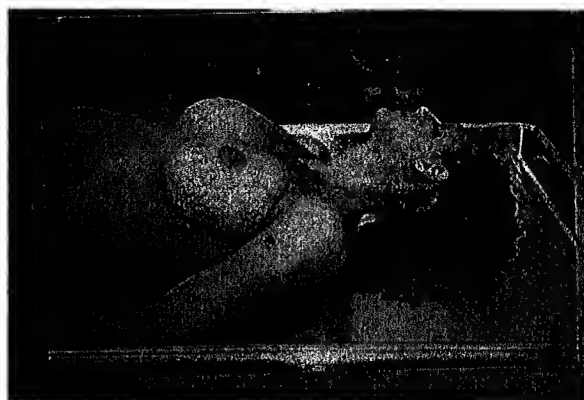


IMG\_0564.JPG  
Date & Time: 2018/03/22 15:36:10  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,128 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 267 front

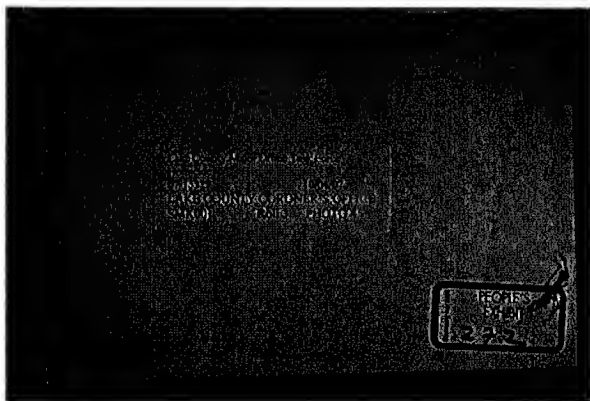
# 0620 Koelling 17 Lake County Clerk Trial Evidence



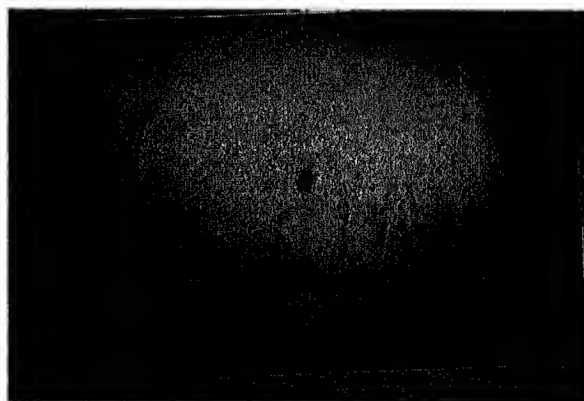
IMG\_0565.JPG  
Date & Time: 2018/03/22 15:36:25  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,903 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 270 back



IMG\_0566.JPG  
Date & Time: 2018/03/22 15:36:35  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,889 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 270 front



IMG\_0567.JPG  
Date & Time: 2018/03/22 15:36:47  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,769 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 272 back



IMG\_0568.JPG  
Date & Time: 2018/03/22 15:36:54  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,664 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 272 front

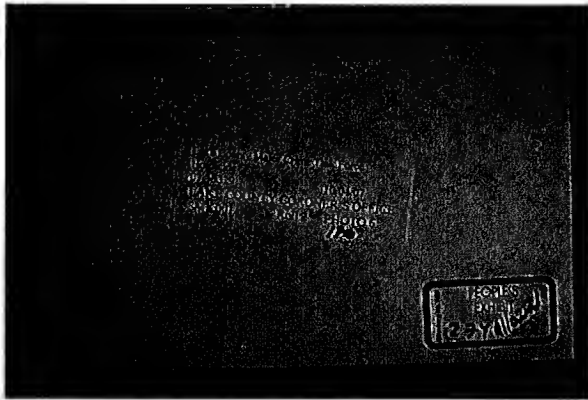


IMG\_0569.JPG  
Date & Time: 2018/03/22 15:37:03  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,946 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 273 back

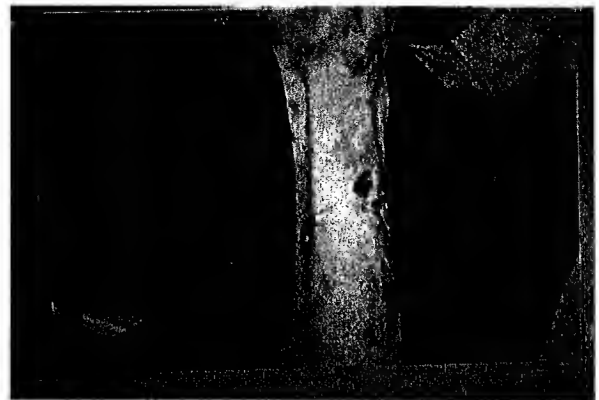


IMG\_0570.JPG  
Date & Time: 2018/03/22 15:37:11  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,588 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 273 front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



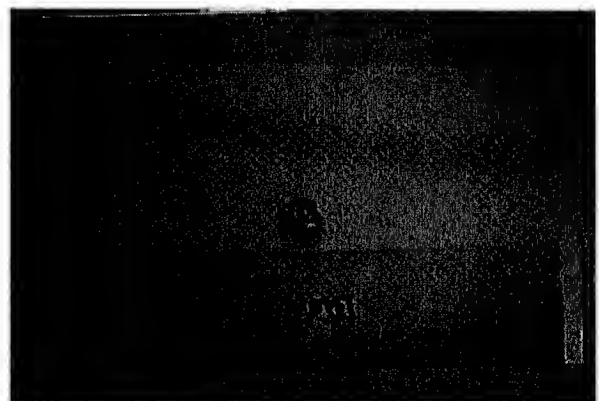
IMG\_0571.JPG  
Date & Time: 2018/03/22 15:37:22  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,922 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 274 back



IMG\_0572.JPG  
Date & Time: 2018/03/22 15:37:29  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,611 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 274 front



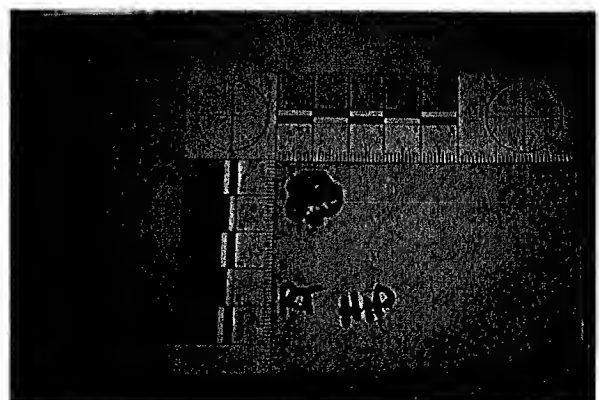
IMG\_0573.JPG  
Date & Time: 2018/03/22 15:37:38  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,864 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 276 back



IMG\_0574.JPG  
Date & Time: 2018/03/22 15:37:45  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 6,180 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 276 front



IMG\_0575.JPG  
Date & Time: 2018/03/22 15:37:57  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,916 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 277 back



IMG\_0576.JPG  
Date & Time: 2018/03/22 15:38:05  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,630 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 277 front

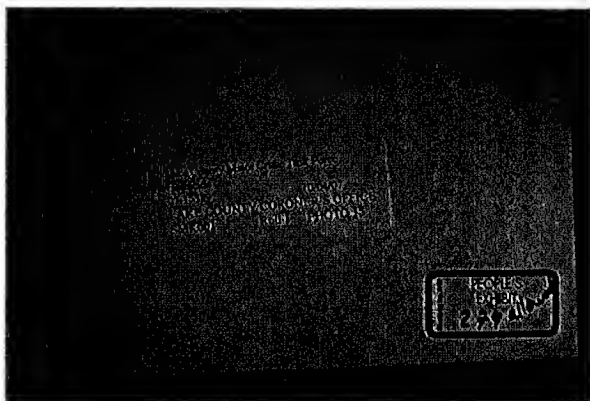
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0577.JPG  
Date & Time: 2018/03/22 15:38:15  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,902 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 278 back



IMG\_0578.JPG  
Date & Time: 2018/03/22 15:38:23  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,905 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 278 front



IMG\_0579.JPG  
Date & Time: 2018/03/22 15:38:33  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,988 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 279 back



IMG\_0580.JPG  
Date & Time: 2018/03/22 15:38:41  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 6,773 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 279 front



IMG\_0581.JPG  
Date & Time: 2018/03/22 15:38:50  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 5,000 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 281 back

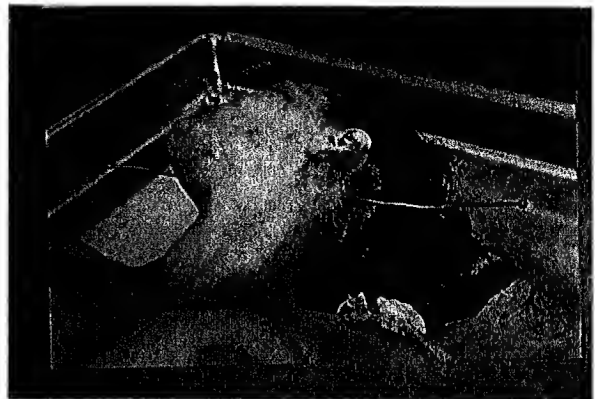


IMG\_0582.JPG  
Date & Time: 2018/03/22 15:38:57  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,155 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 281 front

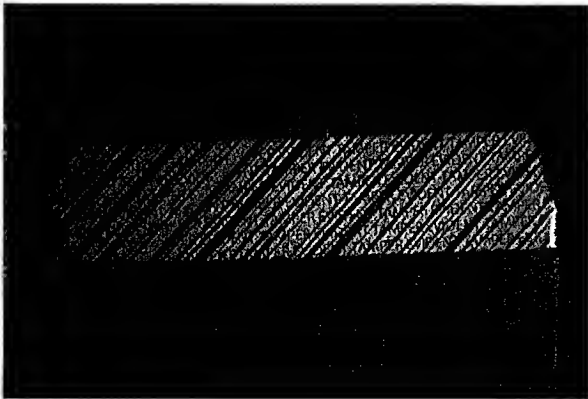
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0583.JPG  
Date & Time: 2018/03/22 15:39:06  
Exp. Info: ISO 800 / 1/2000 s / f/8; File Size: 4,965 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 282 back



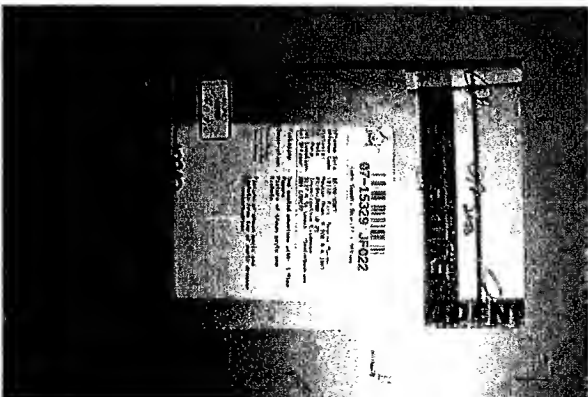
IMG\_0584.JPG  
Date & Time: 2018/03/22 15:39:19  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 6,688 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: PE 282 front



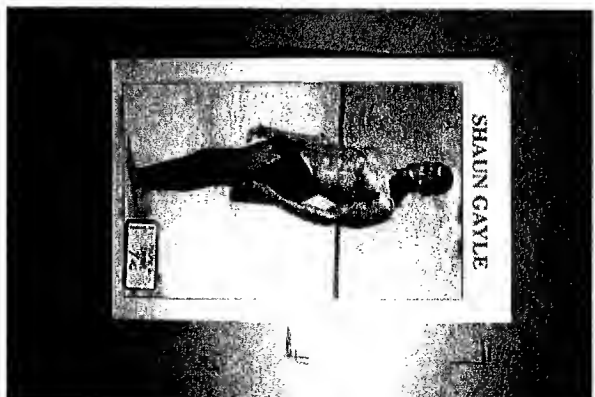
IMG\_0585.JPG  
Date & Time: 2018/03/22 15:39:45  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 9,224 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: Yang photos sealed



IMG\_0586.JPG  
Date & Time: 2018/03/22 15:40:01  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 7,538 KB;  
Lens: EF100mm f/2.8L Macro IS USM; Flash: Flash not fired;  
Caption: white envelope sealed



IMG\_0587.JPG  
Date & Time: 2018/03/22 15:46:16  
Exp. Info: ISO 800 / 1/180 s / f/8; File Size: 6,370 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 9 A, B, C envelope



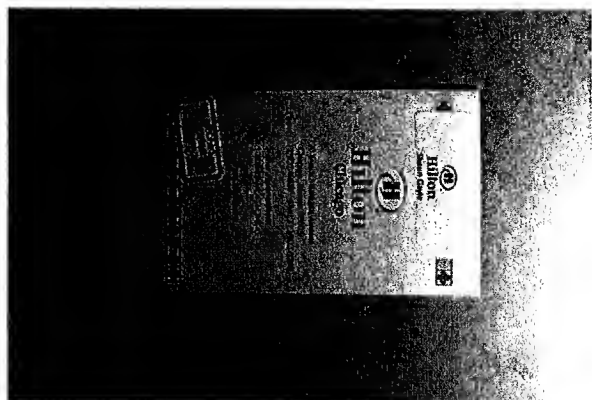
IMG\_0588.JPG  
Date & Time: 2018/03/22 15:47:20  
Exp. Info: ISO 800 / 1/180 s / f/8; File Size: 6,667 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 9A front



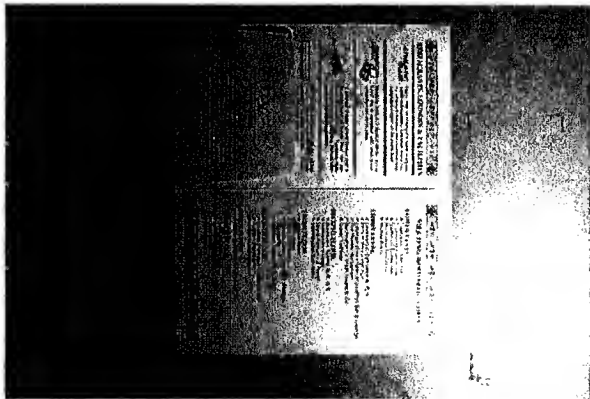
# 0620 Koelling 17 Lake County Clerk Trial Evidence



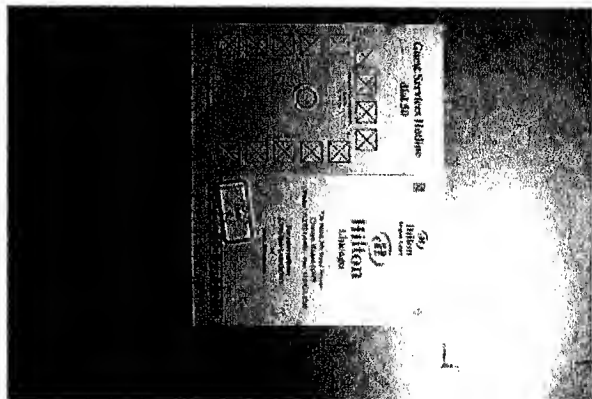
IMG\_0589.JPG  
Date & Time: 2018/03/22 15:47:30  
Exp. Info: ISO 800 / 1/180 s / f/8; File Size: 7,120 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 9A back



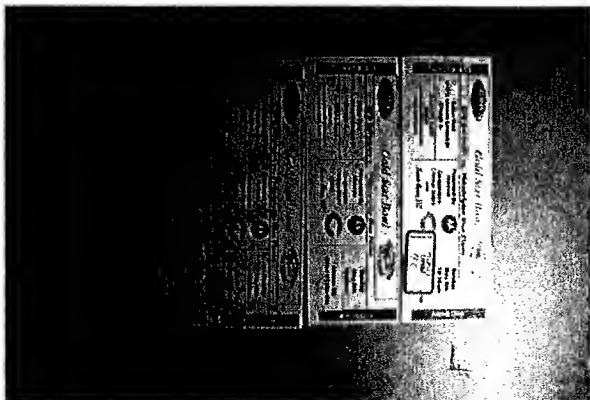
IMG\_0590.JPG  
Date & Time: 2018/03/22 15:48:27  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 6,126 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 9B front



IMG\_0591.JPG  
Date & Time: 2018/03/22 15:48:57  
Exp. Info: ISO 800 / 1/100 s / f/8; File Size: 6,896 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 9B inside



IMG\_0592.JPG  
Date & Time: 2018/03/22 15:49:04  
Exp. Info: ISO 800 / 1/100 s / f/8; File Size: 5,543 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 9B front & back

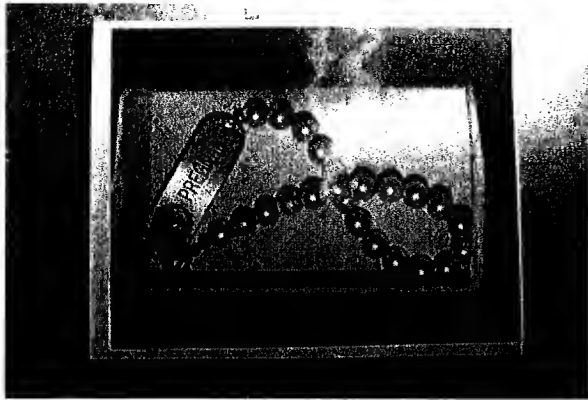


IMG\_0593.JPG  
Date & Time: 2018/03/22 15:49:31  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 6,984 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 9C front



IMG\_0594.JPG  
Date & Time: 2018/03/22 15:50:03  
Exp. Info: ISO 800 / 1/400 s / f/8; File Size: 5,308 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 1 envelope

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0595.JPG

Date & Time: 2018/03/22 15:50:36  
Exp. Info: ISO 800 / 1/40 s / f/8; File Size: 5,677 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 1 photo



IMG\_0596.JPG

Date & Time: 2018/03/22 15:50:58  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 8,106 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 1 CU ID markings front



IMG\_0597.JPG

Date & Time: 2018/03/22 15:51:14  
Exp. Info: ISO 800 / 1/320 s / f/8; File Size: 4,224 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 1 back markings



IMG\_0598.JPG

Date & Time: 2018/03/22 15:52:32  
Exp. Info: ISO 800 / 1/160 s / f/8; File Size: 6,207 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Photo of PE 185 tag



IMG\_0599.JPG

Date & Time: 2018/03/22 15:52:40  
Exp. Info: ISO 800 / 1/125 s / f/8; File Size: 6,908 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Photo of Rhoni Rueter 2x



IMG\_0600.JPG

Date & Time: 2018/03/22 15:52:54  
Exp. Info: ISO 800 / 1/500 s / f/8; File Size: 5,707 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Photo of PE 98 tag

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



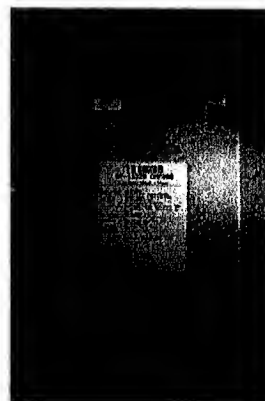
IMG\_0601.JPG  
Date & Time: 2018/03/22 15:53:02  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 6,003 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 48 Sonogram photocopy



IMG\_0602.JPG  
Date & Time: 2018/03/22 15:53:31  
Exp. Info: ISO 800 / 1/160 s / f/8; File Size: 6,413 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 48 sonogram photocopy



IMG\_0603.JPG  
Date & Time: 2018/03/22 15:53:39  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 6,798 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 98 sonogram photocopy (2)



IMG\_0604.JPG  
Date & Time: 2018/03/22 15:54:25  
Exp. Info: / / ; File Size: 5,285 KB;  
Lens: ; Flash: ;  
Caption: PE 2 envelope



IMG\_0605.JPG  
Date & Time: 2018/03/22 15:54:59  
Exp. Info: / / ; File Size: 7,992 KB;  
Lens: ; Flash: ;  
Caption: PE 2 Yang photo



IMG\_0606.JPG  
Date & Time: 2018/03/22 15:55:51  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 5,119 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 94 envelope



# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0607.JPG  
Date & Time: 2018/03/22 15:56:00  
Exp. Info: ISO 800 / 1/1250 s / f/8; File Size: 5,147 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 94 white envelope



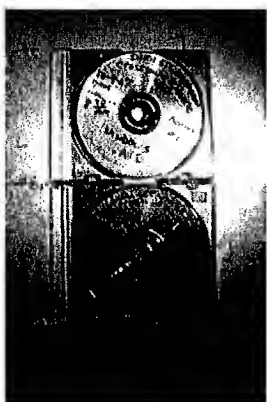
IMG\_0608.JPG  
Date & Time: 2018/03/22 15:56:21  
Exp. Info: / / ; File Size: 5,974 KB;  
Lens: ; Flash: ;  
Caption: PE 94 Autozone receipt



IMG\_0609.JPG  
Date & Time: 2018/03/22 15:57:27  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 4,795 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 6 envelope post it up



IMG\_0610.JPG  
Date & Time: 2018/03/22 15:57:47  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 6,107 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 6 envelope post it down



IMG\_0611.JPG  
Date & Time: 2018/03/22 15:58:50  
Exp. Info: ISO 800 / 1/60 s / f/8; File Size: 5,912 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 6 two TDK CD-R disks and cases



IMG\_0612.JPG  
Date & Time: 2018/03/22 15:59:22  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 4,928 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 6 memorex CD-R & envelope

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0613.JPG  
Date & Time: 2018/03/22 16:00:18  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,956 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption:



IMG\_0614.JPG  
Date & Time: 2018/03/22 16:00:28  
Exp. Info: ISO 800 / 1/200 s / f/8; File Size: 3,748 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 48 envelope empty



IMG\_0615.JPG  
Date & Time: 2018/03/22 16:00:35  
Exp. Info: ISO 800 / 1/250 s / f/8; File Size: 4,283 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 48 envelope empty



IMG\_0616.JPG  
Date & Time: 2018/03/22 16:01:12  
Exp. Info: ISO 800 / 1/800 s / f/8; File Size: 5,322 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 4 envelope

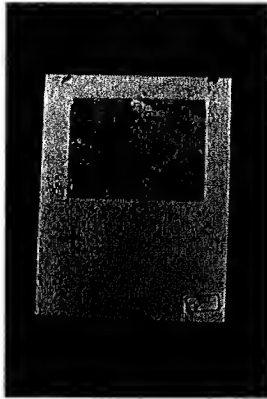


IMG\_0617.JPG  
Date & Time: 2018/03/22 16:01:26  
Exp. Info: ISO 800 / 1/1000 s / f/8; File Size: 5,000 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 4 google earth paper



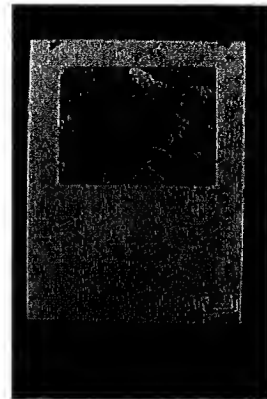
IMG\_0618.JPG  
Date & Time: 2018/03/22 16:06:01  
Exp. Info: ISO 800 / 1/640 s / f/8; File Size: 5,610 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 4 envelope

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0619.JPG

Date & Time: 2018/03/22 16:06:15  
Exp. Info: ISO 800 / 1/15 s / f/8; File Size: 4,352 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 4 google earth paper



IMG\_0620.JPG

Date & Time: 2018/03/22 16:06:21  
Exp. Info: ISO 800 / 1/30 s / f/8; File Size: 4,932 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 4 google earth paper



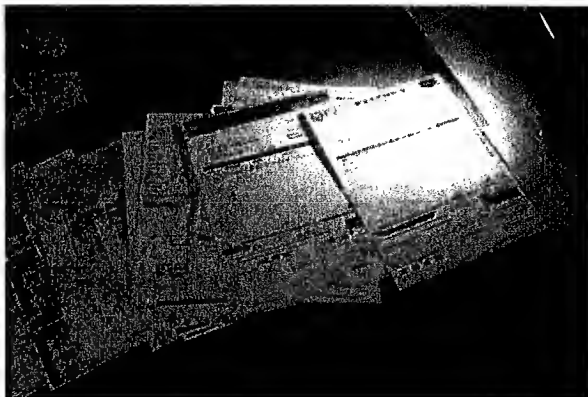
IMG\_0621.JPG

Date & Time: 2018/03/22 16:07:50  
Exp. Info: ISO 800 / 1/25 s / f/8; File Size: 5,277 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 92 envelope



IMG\_0622.JPG

Date & Time: 2018/03/22 16:09:47  
Exp. Info: ISO 800 / 1/80 s / f/8; File Size: 5,531 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 92 trash pull papers



IMG\_0623.JPG

Date & Time: 2018/03/22 16:09:48  
Exp. Info: ISO 800 / 1/160 s / f/8; File Size: 5,132 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 92 trash pull papers



IMG\_0624.JPG

Date & Time: 2018/03/22 16:10:49  
Exp. Info: / / ; File Size: 6,575 KB;  
Lens: ; Flash: ;  
Caption: PE 3 envelope

# 0620 Koelling 17 Lake County Clerk Trial Evidence



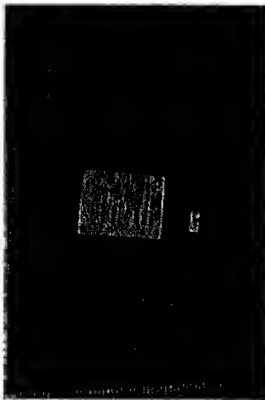
IMG\_0625.JPG

Date & Time: 2018/03/22 16:10:52  
Exp. Info: ISO 800 / 1/180 s / f/8; File Size: 6,368 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 3 google earth paper



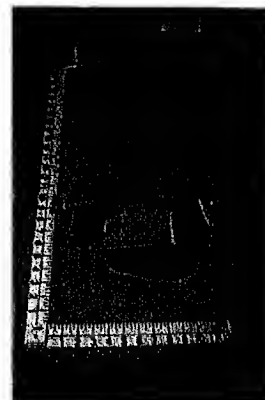
IMG\_0626.JPG

Date & Time: 2018/03/22 16:14:08  
Exp. Info: ISO 800 / 1/125 s / f/10; File Size: 6,028 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 bag back



IMG\_0627.JPG

Date & Time: 2018/03/22 16:14:46  
Exp. Info: ISO 3200 / 1/1000 s / f/10; File Size: 6,679 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 bag front



IMG\_0628.JPG

Date & Time: 2018/03/22 16:15:28  
Exp. Info: ISO 3200 / 1/500 s / f/10; File Size: 6,998 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 black dress in brown paper back



IMG\_0629.JPG

Date & Time: 2018/03/22 16:16:22  
Exp. Info: ISO 3200 / 1/500 s / f/10; File Size: 6,929 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 black dress in brown paper front



IMG\_0630.JPG

Date & Time: 2018/03/22 16:16:56  
Exp. Info: ISO 3200 / 1/125 s / f/10; File Size: 7,086 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 dress on paper

# 0620 Koelling 17 Lake County Clerk Trial Evidence



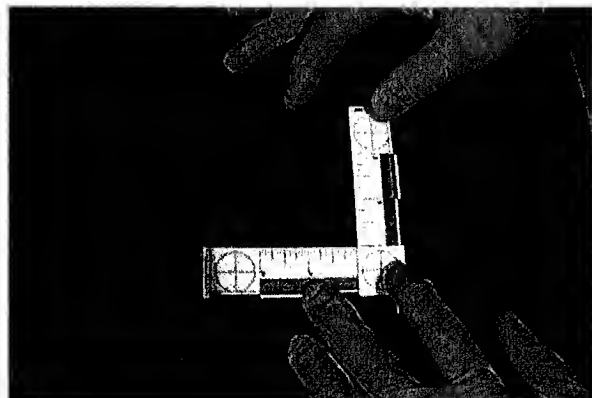
IMG\_0631.JPG

Date & Time: 2018/03/22 16:17:26  
Exp. Info: ISO 3200 / 1/50 s / f/10; File Size: 8,340 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 dress mid-range



IMG\_0632.JPG

Date & Time: 2018/03/22 16:18:22  
Exp. Info: ISO 3200 / 1/60 s / f/10; File Size: 7,211 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 dress front



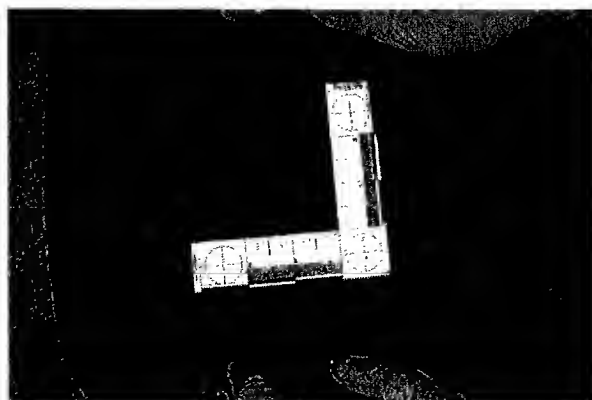
IMG\_0633.JPG

Date & Time: 2018/03/22 16:18:51  
Exp. Info: ISO 3200 / 1/320 s / f/10; File Size: 6,512 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 42 dress BHE w/ L-scale



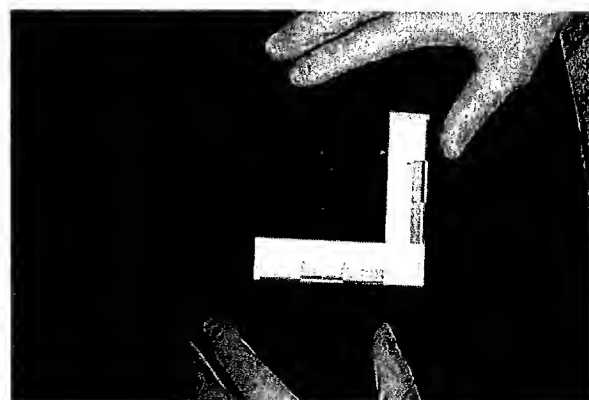
IMG\_0634.JPG

Date & Time: 2018/03/22 16:19:01  
Exp. Info: ISO 3200 / 1/50 s / f/10; File Size: 9,927 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE



IMG\_0635.JPG

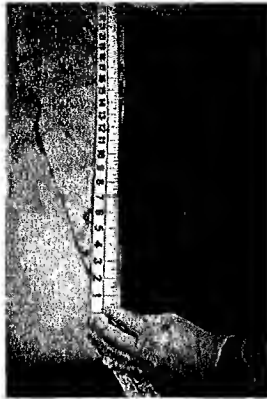
Date & Time: 2018/03/22 16:19:21  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 8,627 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ L-scale



IMG\_0636.JPG

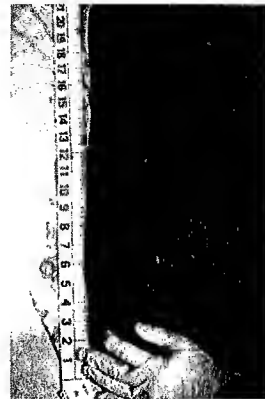
Date & Time: 2018/03/22 16:19:33  
Exp. Info: ISO 3200 / 1/125 s / f/10; File Size: 10,223 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ L-scale

0620 Koelling 17  
Lake County Clerk Trial Evidence



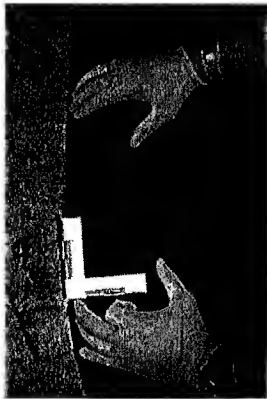
IMG\_0637.JPG

Date & Time: 2018/03/22 16:20:42  
Exp. Info: ISO 3200 / 1/200 s / f/10; File Size: 8,133 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ long scale



IMG\_0638.JPG

Date & Time: 2018/03/22 16:20:58  
Exp. Info: ISO 3200 / 1/100 s / f/10; File Size: 8,945 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ long scale



IMG\_0639.JPG

Date & Time: 2018/03/22 16:21:26  
Exp. Info: / / ; File Size: 8,134 KB;  
Lens: ; Flash: ;  
Caption: PE 43 dress BHE w/ L-scale



IMG\_0640.JPG

Date & Time: 2018/03/22 16:21:38  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 8,827 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ L-scale



IMG\_0641.JPG

Date & Time: 2018/03/22 16:21:54  
Exp. Info: ISO 3200 / 1/320 s / f/10; File Size: 6,269 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ L-scale



IMG\_0642.JPG

Date & Time: 2018/03/22 16:22:04  
Exp. Info: ISO 3200 / 1/125 s / f/10; File Size: 9,038 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE w/ L-scale

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0643.JPG

Date & Time: 2018/03/22 16:23:30  
Exp. Info: ISO 3200 / 1/60 s / f/10; File Size: 6,421 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ long scale



IMG\_0644.JPG

Date & Time: 2018/03/22 16:23:39  
Exp. Info: / / ; File Size: 7,691 KB;  
Lens: ; Flash: ;  
Caption: PE 43 dress BHE's



IMG\_0645.JPG

Date & Time: 2018/03/22 16:24:00  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 6,401 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ L-scale



IMG\_0646.JPG

Date & Time: 2018/03/22 16:24:10  
Exp. Info: ISO 3200 / 1/125 s / f/10; File Size: 9,572 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ L-scale



IMG\_0647.JPG

Date & Time: 2018/03/22 16:24:17  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 8,735 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ L-scale



IMG\_0648.JPG

Date & Time: 2018/03/22 16:25:20  
Exp. Info: ISO 3200 / 1/60 s / f/10; File Size: 9,845 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ long scale

# 0620 Koelling 17 Lake County Clerk Trial Evidence



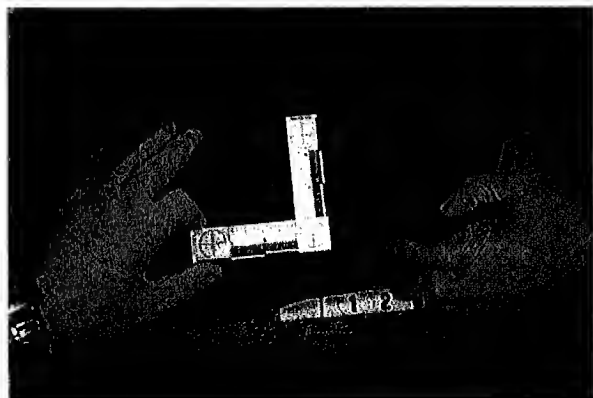
IMG\_0649.JPG

Date & Time: 2018/03/22 16:25:43  
Exp. Info: ISO 3200 / 1/50 s / f/10; File Size: 6,650 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress back BHE's



IMG\_0650.JPG

Date & Time: 2018/03/22 16:26:38  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 6,387 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE



IMG\_0651.JPG

Date & Time: 2018/03/22 16:26:45  
Exp. Info: ISO 3200 / 1/400 s / f/10; File Size: 6,584 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress w/ L-scale



IMG\_0652.JPG

Date & Time: 2018/03/22 16:27:00  
Exp. Info: ISO 3200 / 1/100 s / f/10; File Size: 12,134 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress w/ BHE's



IMG\_0653.JPG

Date & Time: 2018/03/22 16:27:08  
Exp. Info: ISO 3200 / 1/250 s / f/10; File Size: 7,041 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 43 dress BHE's w/ L-scale

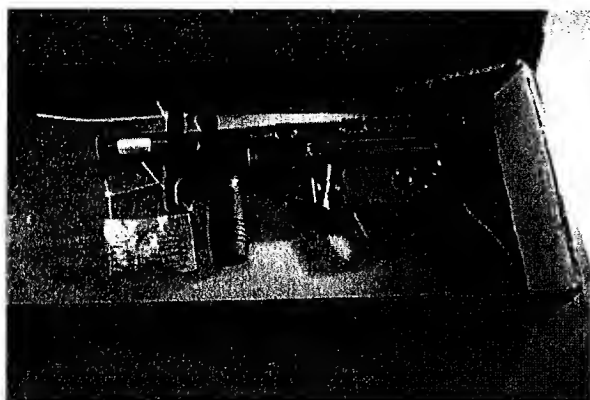


IMG\_0654.JPG

Date & Time: 2018/03/23 10:19:41  
Exp. Info: ISO 3200 / 1/160 s / f/10; File Size: 6,412 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 257 gun box

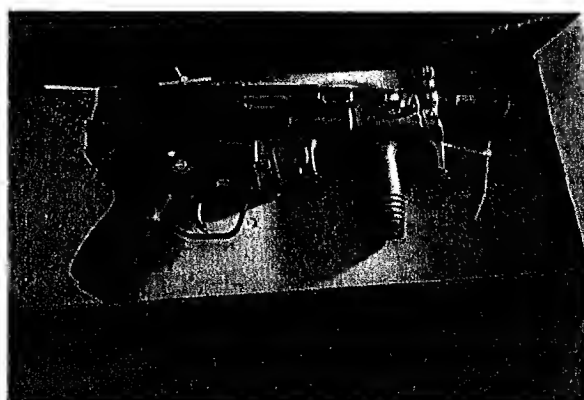


# 0620 Koelling 17 Lake County Clerk Trial Evidence



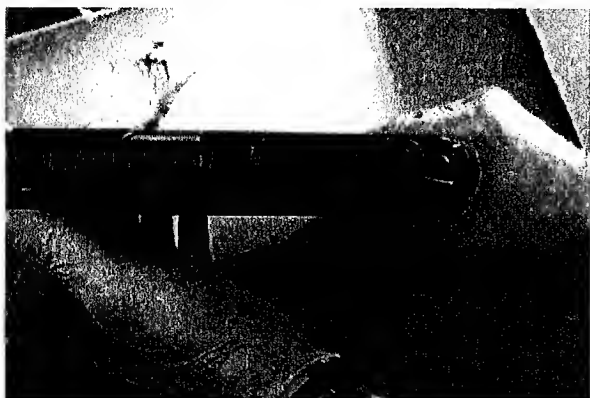
IMG\_0655.JPG

Date & Time: 2018/03/23 10:23:36  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 6,980 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 257 H&K SP89 pistol left side



IMG\_0656.JPG

Date & Time: 2018/03/23 10:23:47  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,825 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 257 H&K SP89 pistol right side



IMG\_0657.JPG

Date & Time: 2018/03/23 10:23:58  
Exp. Info: ISO 1600 / 1/30 s / f/10; File Size: 4,852 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 257 H&K SP89 pistol top



IMG\_0658.JPG

Date & Time: 2018/03/23 10:24:06  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,791 KB;  
Lens: 35mm; Flash: External flash;  
Caption:



IMG\_0659.JPG

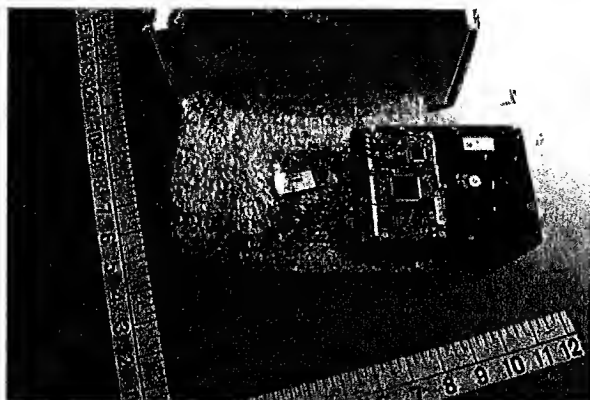
Date & Time: 2018/03/23 10:25:07  
Exp. Info: ISO 1600 / 1/100 s / f/10; File Size: 5,446 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 257 resealed



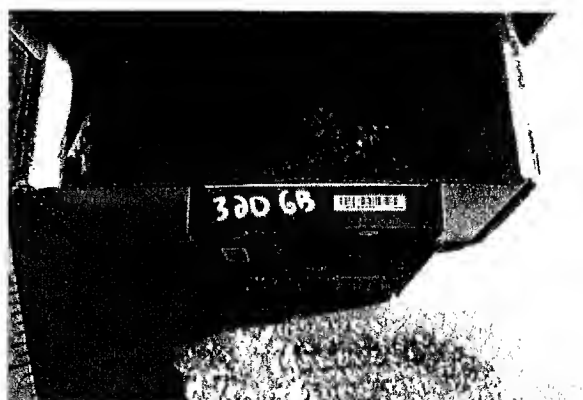
IMG\_0660.JPG

Date & Time: 2018/03/23 13:05:48  
Exp. Info: ISO 1600 / 1/80 s / f/10; File Size: 6,176 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 96 box

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0661.JPG  
Date & Time: 2018/03/23 13:06:16  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 6,756 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 96 hard drive as found



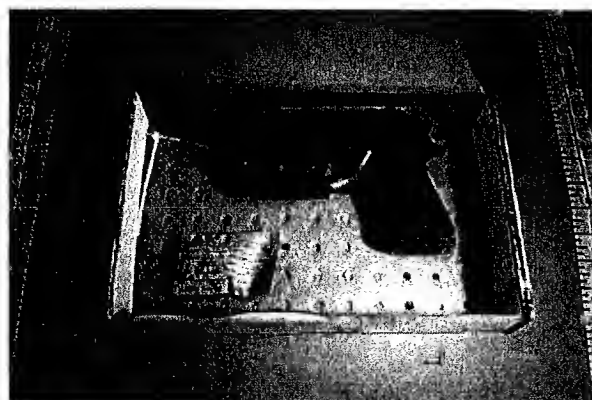
IMG\_0662.JPG  
Date & Time: 2018/03/23 13:06:30  
Exp. Info: ISO 1600 / 1/30 s / f/10; File Size: 4,917 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 96 hard drive



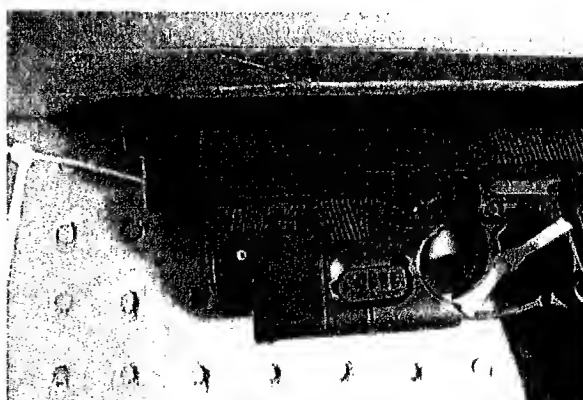
IMG\_0663.JPG  
Date & Time: 2018/03/23 13:06:41  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 5,810 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 96 hard drive



IMG\_0664.JPG  
Date & Time: 2018/03/23 13:09:15  
Exp. Info: ISO 1600 / 1/160 s / f/10; File Size: 5,938 KB;  
Lens: 35mm; Flash: External flash;  
Caption:

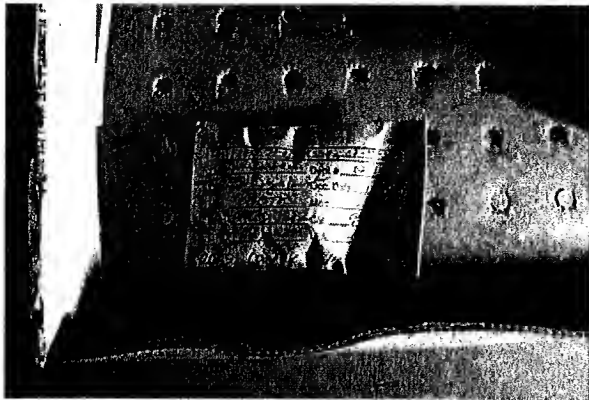


IMG\_0665.JPG  
Date & Time: 2018/03/23 13:10:08  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,514 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 258 Pistol & envelope in box



IMG\_0666.JPG  
Date & Time: 2018/03/23 13:10:21  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 5,815 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 258 CU serial number & laser

# 0620 Koelling 17 Lake County Clerk Trial Evidence



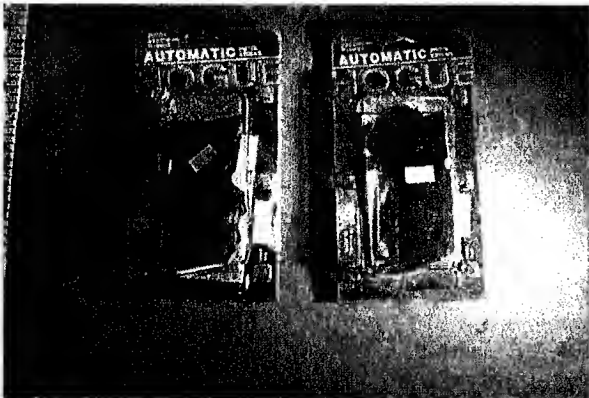
IMG\_0667.JPG

Date & Time: 2018/03/23 13:10:32  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 6,395 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 258 bullet envelope



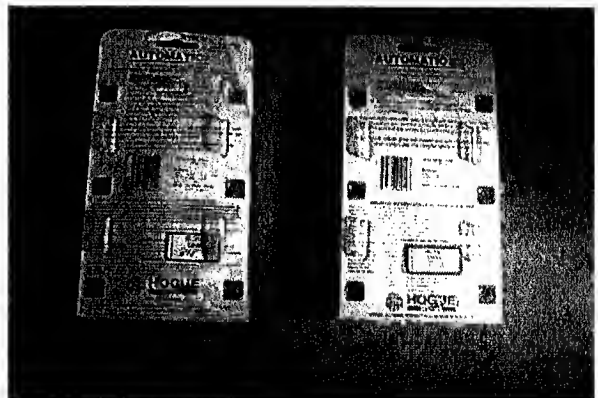
IMG\_0668.JPG

Date & Time: 2018/03/23 13:11:22  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 5,179 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 258 muzzle end



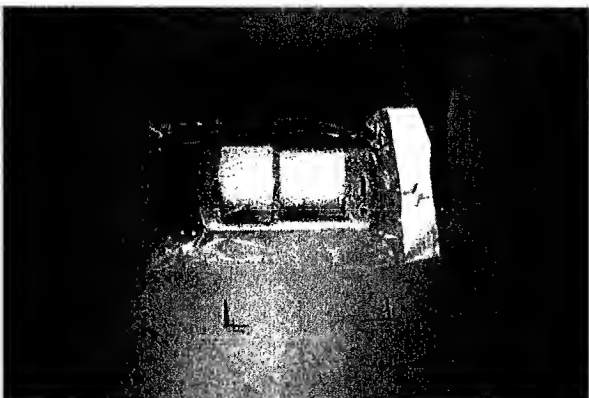
IMG\_0669.JPG

Date & Time: 2018/03/23 13:12:55  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,901 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 17 & 18 Hogue grips front



IMG\_0670.JPG

Date & Time: 2018/03/23 13:13:06  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,450 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 17 & 18 Hogue grips back



IMG\_0671.JPG

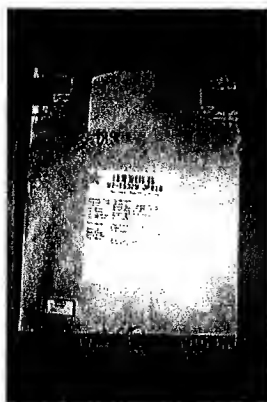
Date & Time: 2018/03/23 13:14:31  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,032 KB;  
Lens: 35mm; Flash: External flash;  
Caption: pink cell phone case in bag front



IMG\_0672.JPG

Date & Time: 2018/03/23 13:14:37  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,084 KB;  
Lens: 35mm; Flash: External flash;  
Caption: pink cell phone case in bag back

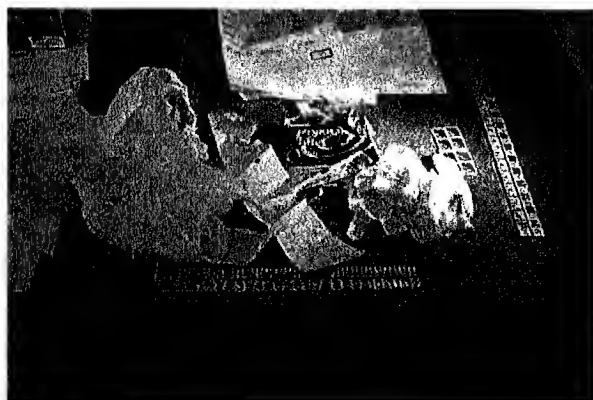
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0673.JPG  
Date & Time: 2018/03/23 13:15:41  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,457 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 A, B, C envelope



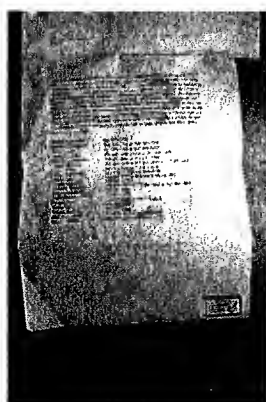
IMG\_0674.JPG  
Date & Time: 2018/03/23 13:15:46  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,940 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 post-it note "Have Judge read "other acts" limiting instruction



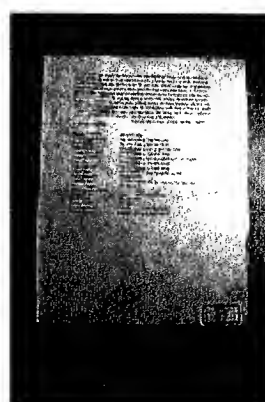
IMG\_0675.JPG  
Date & Time: 2018/03/23 13:20:29  
Exp. Info: ISO 1600 / 1/160 s / f/10; File Size: 5,425 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 jewel osco receipt, stamps, latex gloves, plastic bag



IMG\_0676.JPG  
Date & Time: 2018/03/23 13:22:08  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,456 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 A "(original)" letter & envelope Silvana Botero

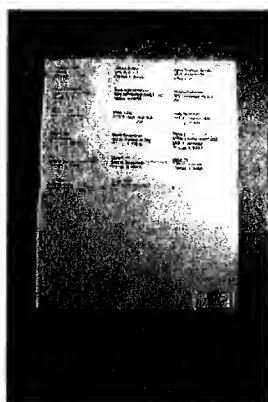


IMG\_0677.JPG  
Date & Time: 2018/03/23 13:22:18  
Exp. Info: / 0 s / f/0; File Size: 6,882 KB;  
Lens: ; Flash: External flash;  
Caption: PE 80 A "(original)" letter



IMG\_0678.JPG  
Date & Time: 2018/03/23 13:22:54  
Exp. Info: / 0 s / f/0; File Size: 7,064 KB;  
Lens: ; Flash: External flash;  
Caption: PE 80 A letter (different version)

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0679.JPG  
Date & Time: 2018/03/23 13:23:13  
Exp. Info: / 0 s / f/0; File Size: 6,619 KB;  
Lens: ; Flash: External flash;  
Caption: PE 80 B (redacted)



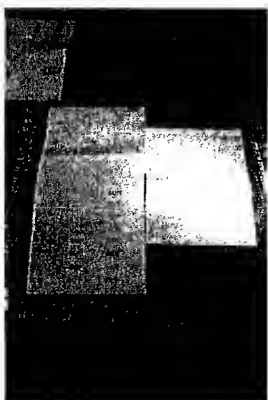
IMG\_0680.JPG  
Date & Time: 2018/03/23 13:23:59  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,344 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 B (original) label sheets & Connie Payton envelope



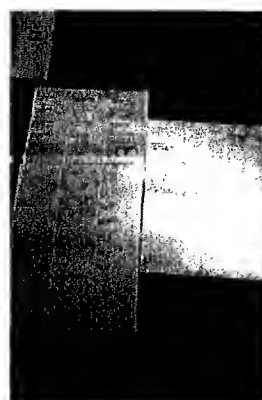
IMG\_0681.JPG  
Date & Time: 2018/03/23 13:24:05  
Exp. Info: ISO 1600 / 1/160 s / f/10; File Size: 5,862 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 B Labels (original)



IMG\_0682.JPG  
Date & Time: 2018/03/23 13:24:18  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,960 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 B Connie Payton envelope

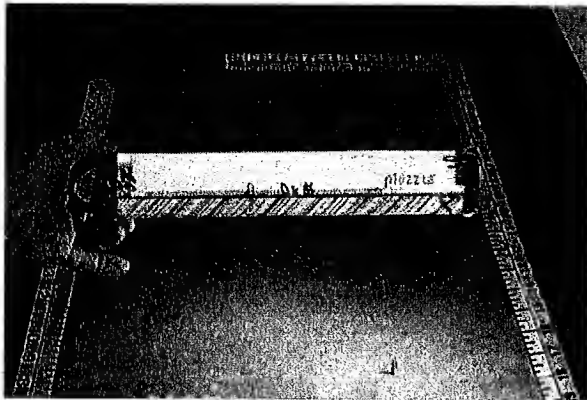


IMG\_0683.JPG  
Date & Time: 2018/03/23 13:24:50  
Exp. Info: / 0 s / f/0; File Size: 5,227 KB;  
Lens: ; Flash: External flash;  
Caption: PE 80 C Shaun Gayle labels



IMG\_0684.JPG  
Date & Time: 2018/03/23 13:24:56  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,368 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 C Shaun Gayle labels

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0685.JPG

Date & Time: 2018/03/23 13:28:18  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 5,954 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 258 sealed



IMG\_0686.JPG

Date & Time: 2018/03/23 13:28:31  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 5,941 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 80 A, B, C sealed



IMG\_0687.JPG

Date & Time: 2018/03/23 13:29:48  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 4,848 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Bin K42



IMG\_0688.JPG

Date & Time: 2018/03/23 13:31:20  
Exp. Info: ISO 1600 / 1/25 s / f/10; File Size: 7,280 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 40 trash can sealed



IMG\_0689.JPG

Date & Time: 2018/03/23 13:38:29  
Exp. Info: / 0 s / f/0; File Size: 7,338 KB;  
Lens: ; Flash: External flash;  
Caption: PE 36 envelope front

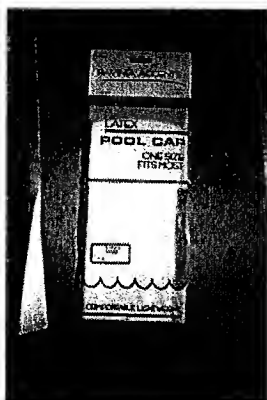


IMG\_0690.JPG

Date & Time: 2018/03/23 13:38:39  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,460 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 36 envelope back



# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0691.JPG

Date & Time: 2018/03/23 13:39:13

Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,393 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 36 swim cap front



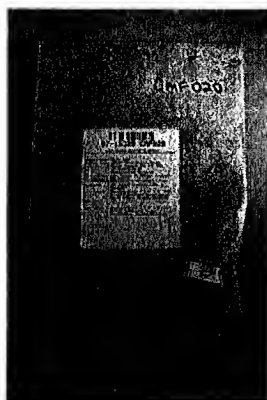
IMG\_0692.JPG

Date & Time: 2018/03/23 13:39:37

Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,695 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 36 swim cap back



IMG\_0693.JPG

Date & Time: 2018/03/23 13:40:45

Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,347 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 30 envelope front



IMG\_0694.JPG

Date & Time: 2018/03/23 13:40:50

Exp. Info: ISO 1600 / 1/100 s / f/10; File Size: 6,515 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 30 envelope back



IMG\_0695.JPG

Date & Time: 2018/03/23 13:41:54

Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,735 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 30 drain pipe



IMG\_0696.JPG

Date & Time: 2018/03/23 13:42:34

Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,924 KB;

Lens: 35mm; Flash: External flash;

Caption: PE 36 envelope front

**0620 Koelling 17**  
**Lake County Clerk Trial Evidence**



IMG\_0697.JPG  
Date & Time: 2018/03/23 13:42:38  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,233 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 36 envelope back sealed



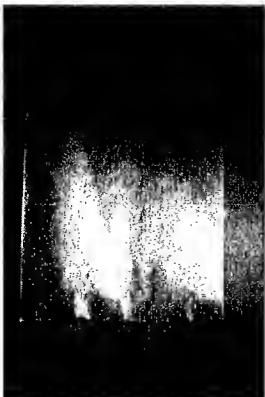
IMG\_0698.JPG  
Date & Time: 2018/03/23 13:42:51  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,013 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 30 envelope front



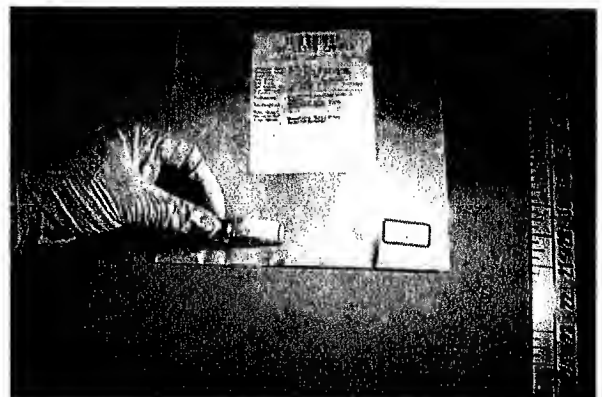
IMG\_0699.JPG  
Date & Time: 2018/03/23 13:42:55  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,427 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 30 envelope back sealed



IMG\_0700.JPG  
Date & Time: 2018/03/23 13:43:15  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,271 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 27 envelope front



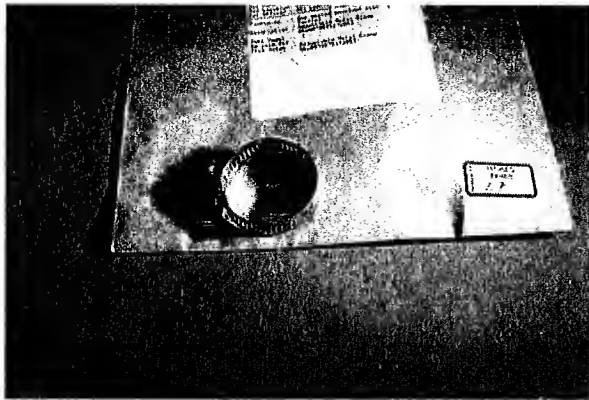
IMG\_0701.JPG  
Date & Time: 2018/03/23 13:43:20  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,124 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 27 envelope back



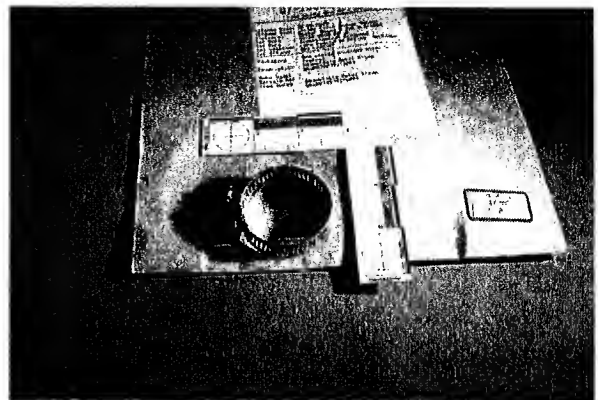
IMG\_0702.JPG  
Date & Time: 2018/03/23 13:44:07  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,023 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 27 envelope & hose clamp



# 0620 Koelling 17 Lake County Clerk Trial Evidence



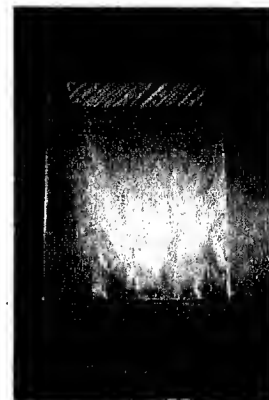
IMG\_0703.JPG  
Date & Time: 2018/03/23 13:44:12  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,304 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 27 envelope & hose clamp side



IMG\_0704.JPG  
Date & Time: 2018/03/23 13:44:18  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,820 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 27 envelope & hose clamp side w/ L-scale



IMG\_0705.JPG  
Date & Time: 2018/03/23 13:45:00  
Exp. Info: / 0 s / f/0; File Size: 7,460 KB;  
Lens: ; Flash: External flash;  
Caption: PE 27 envelope front



IMG\_0706.JPG  
Date & Time: 2018/03/23 13:45:05  
Exp. Info: / 0 s / f/0; File Size: 7,729 KB;  
Lens: ; Flash: External flash;  
Caption: PE 27 envelope back sealed



IMG\_0707.JPG  
Date & Time: 2018/03/23 13:45:47  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,054 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 29 envelope



IMG\_0708.JPG  
Date & Time: 2018/03/23 13:46:06  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,391 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 29 envelope and PVC pipe

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0709.JPG

Date & Time: 2018/03/23 13:46:24  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 5,175 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 29 PVC pipe w/ L-scale



IMG\_0710.JPG

Date & Time: 2018/03/23 13:47:17  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 5,333 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 29 envelope sealed



IMG\_0711.JPG

Date & Time: 2018/03/23 13:47:45  
Exp. Info: / 0 s / f/0; File Size: 5,955 KB;  
Lens: ; Flash: External flash;  
Caption: PE 28 envelope side



IMG\_0712.JPG

Date & Time: 2018/03/23 13:47:54  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,153 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 28 envelope side



IMG\_0713.JPG

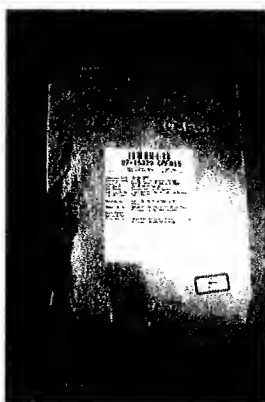
Date & Time: 2018/03/23 13:48:11  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,446 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 28 PVC pipe



IMG\_0714.JPG

Date & Time: 2018/03/23 13:49:14  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,478 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 28 sealed

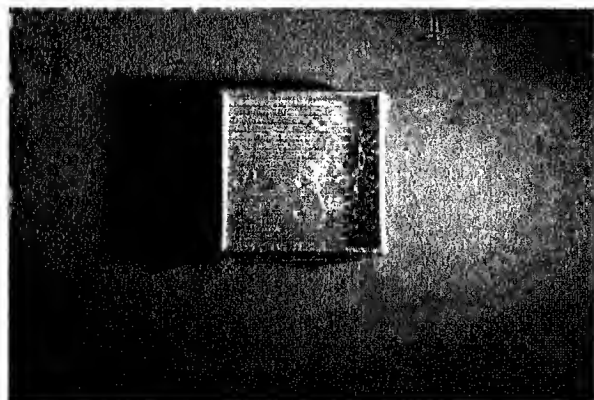
# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0715.JPG  
Date & Time: 2018/03/23 13:50:26  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,527 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 21 envelope front



IMG\_0716.JPG  
Date & Time: 2018/03/23 13:50:54  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,551 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 21 rubber cups front



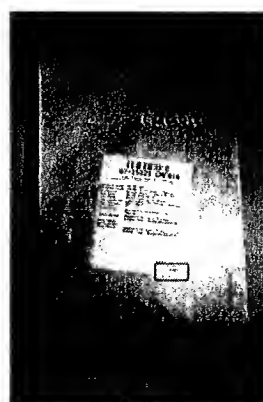
IMG\_0717.JPG  
Date & Time: 2018/03/23 13:50:59  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 6,173 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 21 rubber cups back



IMG\_0718.JPG  
Date & Time: 2018/03/23 13:51:38  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,575 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 21 envelope front



IMG\_0719.JPG  
Date & Time: 2018/03/23 13:51:42  
Exp. Info: / 0 s / f/0; File Size: 6,184 KB;  
Lens: ; Flash: External flash;  
Caption: PE 21 envelope back sealed



IMG\_0720.JPG  
Date & Time: 2018/03/23 13:51:57  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,423 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



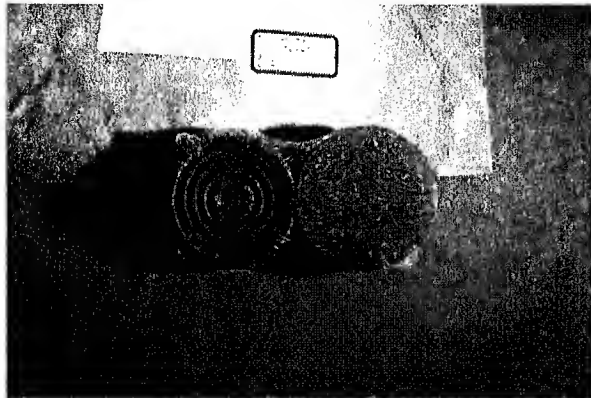
IMG\_0721.JPG

Date & Time: 2018/03/23 13:52:03  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,593 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope back



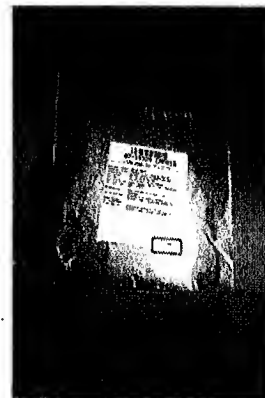
IMG\_0722.JPG

Date & Time: 2018/03/23 13:52:32  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,811 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope & rubber cups round



IMG\_0723.JPG

Date & Time: 2018/03/23 13:52:39  
Exp. Info: ISO 1600 / 1/160 s / f/10; File Size: 5,749 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope & rubber cups back



IMG\_0724.JPG

Date & Time: 2018/03/23 13:53:19  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,143 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope front



IMG\_0725.JPG

Date & Time: 2018/03/23 13:53:24  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,792 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 23 envelope back sealed



IMG\_0726.JPG

Date & Time: 2018/03/23 13:54:06  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,816 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 33 envelope front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0727.JPG

Date & Time: 2018/03/23 13:54:12  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,575 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 33 envelope back



IMG\_0728.JPG

Date & Time: 2018/03/23 13:54:58  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 6,048 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 33 alarm clock front



IMG\_0729.JPG

Date & Time: 2018/03/23 13:55:04  
Exp. Info: ISO 1600 / 1/30 s / f/10; File Size: 5,311 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 33 alarm clock back



IMG\_0730.JPG

Date & Time: 2018/03/23 13:55:50  
Exp. Info: ISO 1600 / 1/160 s / f/10; File Size: 5,987 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 33 envelope front



IMG\_0731.JPG

Date & Time: 2018/03/23 13:55:55  
Exp. Info: / 0 s / f/0; File Size: 4,986 KB;  
Lens: ; Flash: External flash;  
Caption: PE 33 envelope back sealed



IMG\_0732.JPG

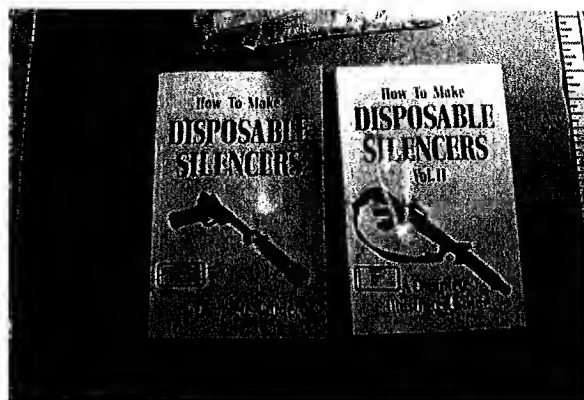
Date & Time: 2018/03/23 13:56:16  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,042 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 envelope front

# 0620 Koelling 17 Lake County Clerk Trial Evidence



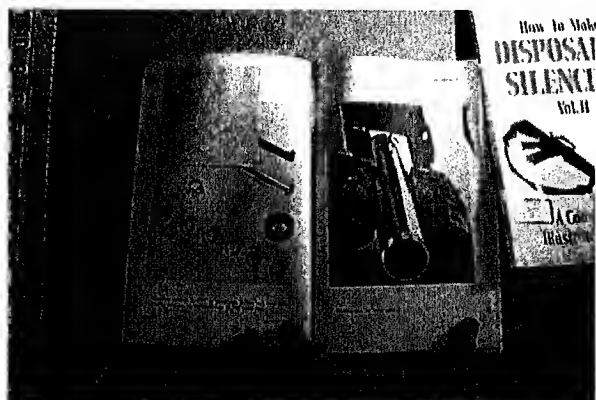
IMG\_0733.JPG

Date & Time: 2018/03/23 13:56:21  
Exp. Info: ISO 1600 / 1/80 s / f/10; File Size: 6,006 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 envelope back



IMG\_0734.JPG

Date & Time: 2018/03/23 13:56:57  
Exp. Info: ISO 1600 / 1/100 s / f/10; File Size: 6,370 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 book covers



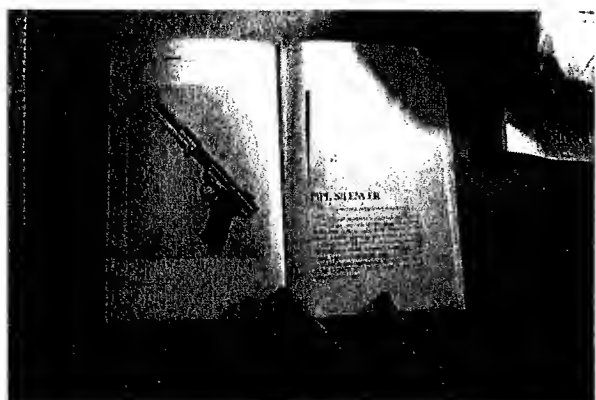
IMG\_0735.JPG

Date & Time: 2018/03/23 13:57:50  
Exp. Info: ISO 1600 / 1/100 s / f/10; File Size: 5,970 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 p. 36/7



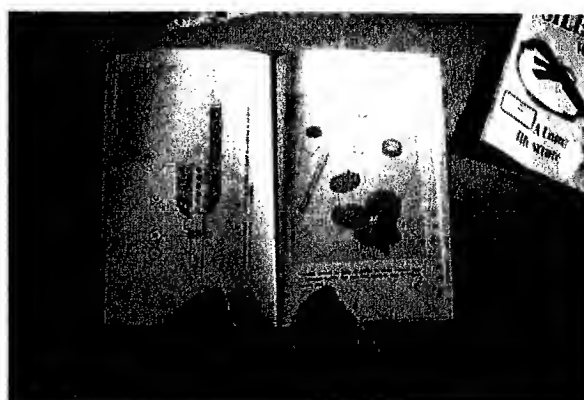
IMG\_0736.JPG

Date & Time: 2018/03/23 13:57:59  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 5,627 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 p. 36/7



IMG\_0737.JPG

Date & Time: 2018/03/23 13:58:19  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 5,834 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 p. 54/55

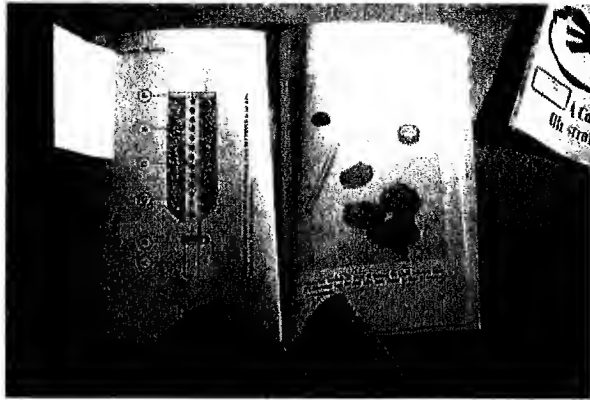


IMG\_0738.JPG

Date & Time: 2018/03/23 13:58:34  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,890 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 p. 58/59

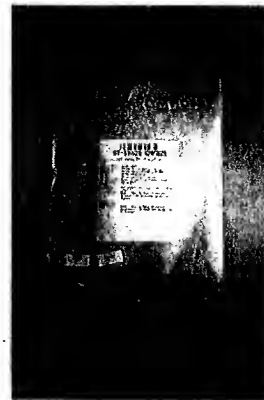


# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0739.JPG

Date & Time: 2018/03/23 13:58:40  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,023 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 p. 58/59



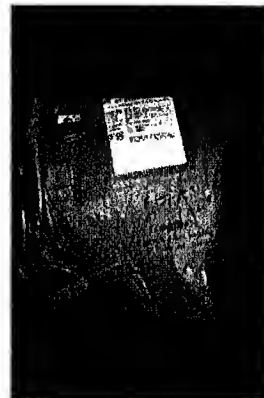
IMG\_0740.JPG

Date & Time: 2018/03/23 14:00:21  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,192 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 envelope front



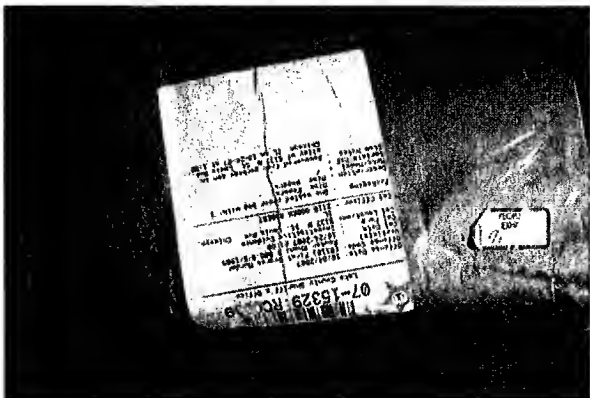
IMG\_0741.JPG

Date & Time: 2018/03/23 14:00:27  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,828 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 7 & 8 envelope back sealed



IMG\_0742.JPG

Date & Time: 2018/03/23 14:01:01  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 6,675 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 front



IMG\_0743.JPG

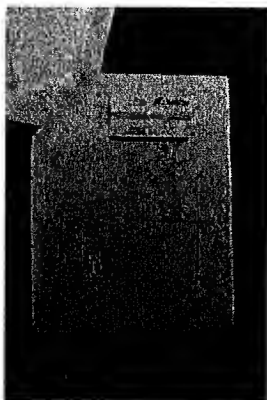
Date & Time: 2018/03/23 14:01:13  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,574 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 label CU



IMG\_0744.JPG

Date & Time: 2018/03/23 14:01:51  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 5,552 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 bag open

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0745.JPG

Date & Time: 2018/03/23 14:03:25  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 5,131 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 check copy



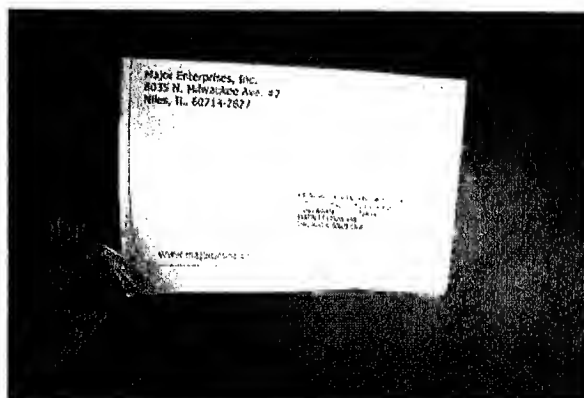
IMG\_0746.JPG

Date & Time: 2018/03/23 14:04:46  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,796 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 mail



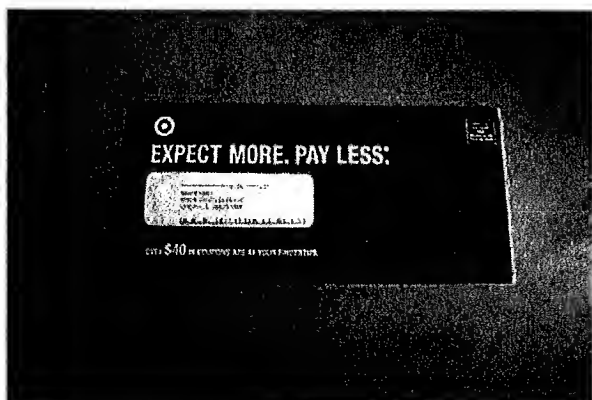
IMG\_0747.JPG

Date & Time: 2018/03/23 14:04:56  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 4,639 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 unopened mail



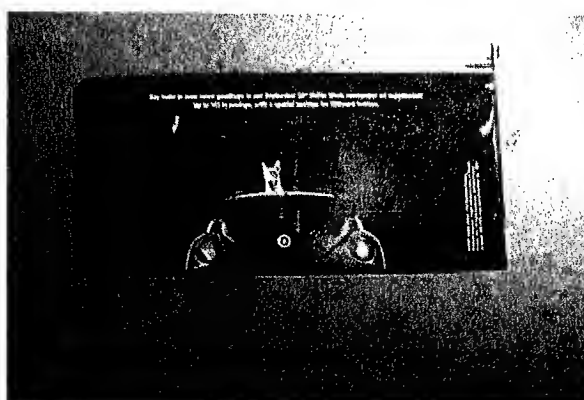
IMG\_0748.JPG

Date & Time: 2018/03/23 14:05:04  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 5,402 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 unopened mail front



IMG\_0749.JPG

Date & Time: 2018/03/23 14:07:05  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 7,730 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 unopened mail

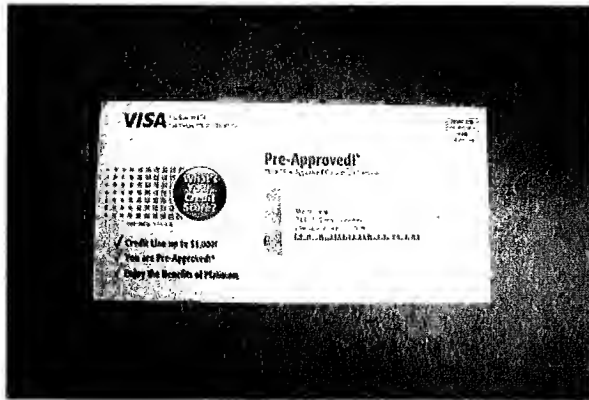


IMG\_0750.JPG

Date & Time: 2018/03/23 14:07:11  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 7,231 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 unopened mail



# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0751.JPG

Date & Time: 2018/03/23 14:07:22  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 8,201 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91unopened mail



IMG\_0752.JPG

Date & Time: 2018/03/23 14:07:32  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 6,503 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91unopened mail



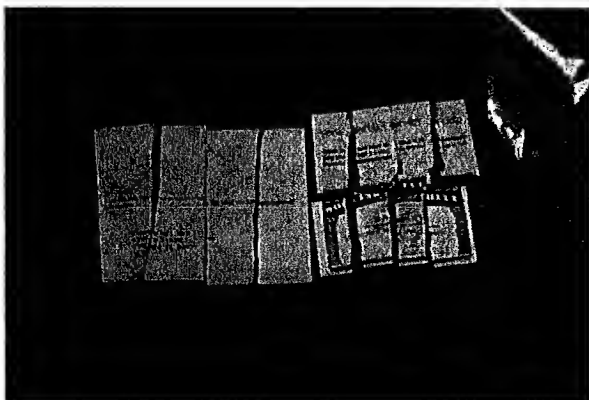
IMG\_0753.JPG

Date & Time: 2018/03/23 14:07:41  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 5,460 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91unopened mail



IMG\_0754.JPG

Date & Time: 2018/03/23 14:11:20  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,173 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 plastic bag w/ torn social security card



IMG\_0755.JPG

Date & Time: 2018/03/23 14:12:21  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,467 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 torn social security card Andrew YAING



IMG\_0756.JPG

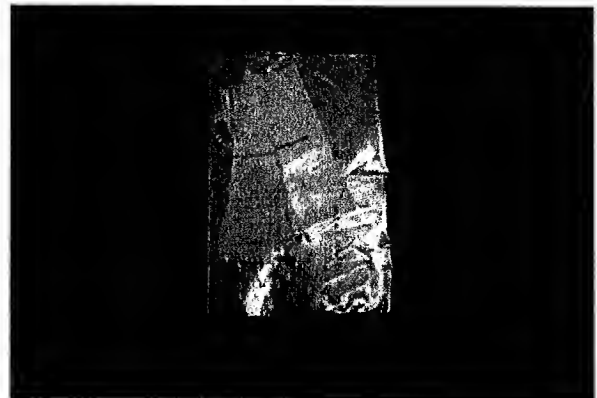
Date & Time: 2018/03/23 14:12:29  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 5,989 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 plastic bag w/ torn social security card

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0757.JPG

Date & Time: 2018/03/23 14:13:37  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 6,182 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 torn social security card Brandon YIANG



IMG\_0758.JPG

Date & Time: 2018/03/23 14:13:48  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 6,009 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 plastic bag w/ torn social security card



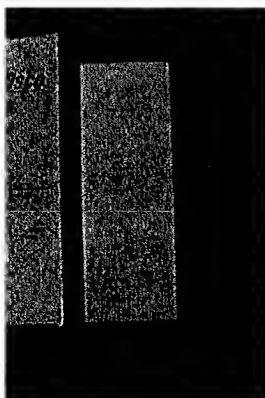
IMG\_0759.JPG

Date & Time: 2018/03/23 14:14:59  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,099 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 torn social security card Emily YIANG



IMG\_0760.JPG

Date & Time: 2018/03/23 14:16:31  
Exp. Info: / 0 s / f/0; File Size: 5,693 KB;  
Lens: ; Flash: External flash;  
Caption: PE 91 Jewel-Osco receipt



IMG\_0761.JPG

Date & Time: 2018/03/23 14:16:44  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 5,599 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 New Banpojung receipt



IMG\_0762.JPG

Date & Time: 2018/03/23 14:18:22  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,319 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91

# 0620 Koelling 17 Lake County Clerk Trial Evidence



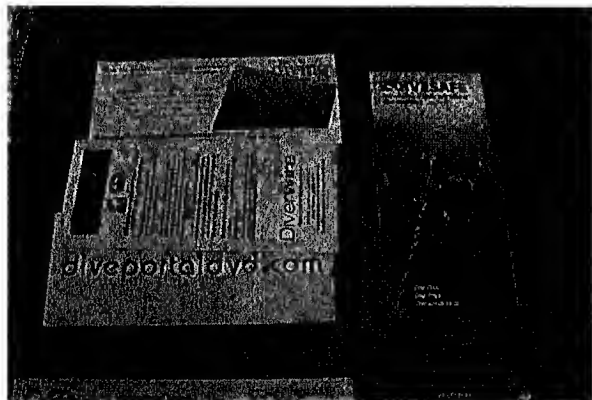
IMG\_0763.JPG

Date & Time: 2018/03/23 14:18:28  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,469 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 CPD business card back



IMG\_0764.JPG

Date & Time: 2018/03/23 14:19:33  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 5,894 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 International Training envelope front



IMG\_0765.JPG

Date & Time: 2018/03/23 14:20:17  
Exp. Info: ISO 1600 / 1/60 s / f/10; File Size: 6,472 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 International Training env contents



IMG\_0766.JPG

Date & Time: 2018/03/23 14:20:23  
Exp. Info: ISO 1600 / 1/20 s / f/10; File Size: 6,442 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 International Training Diver Cert. cards side 1



IMG\_0767.JPG

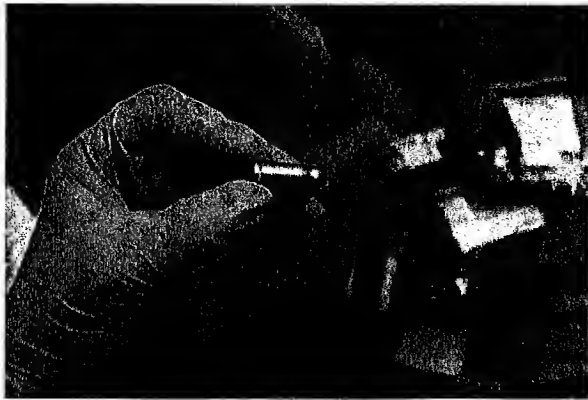
Date & Time: 2018/03/23 14:20:43  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 6,103 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 International Training Diver Cert. cards side 2 Yang



IMG\_0768.JPG

Date & Time: 2018/03/23 14:24:59  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 9,027 KB;  
Lens: 35mm; Flash: External flash;  
Caption: Loose bullet on floor

# 0620 Koelling 17 Lake County Clerk Trial Evidence



IMG\_0769.JPG  
Date & Time: 2018/03/23 14:25:40  
Exp. Info: ISO 1600 / 1/30 s / f/10; File Size: 5,380 KB;  
Lens: 35mm; Flash: External flash;  
Caption: CU loose cartridge P01?



IMG\_0770.JPG  
Date & Time: 2018/03/23 14:25:57  
Exp. Info: ISO 1600 / 1/40 s / f/10; File Size: 5,281 KB;  
Lens: 35mm; Flash: External flash;  
Caption:



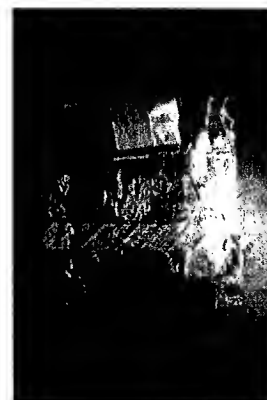
IMG\_0771.JPG  
Date & Time: 2018/03/23 14:27:44  
Exp. Info: / 0 s / f/0; File Size: 5,563 KB;  
Lens: ; Flash: External flash;  
Caption: PE 91 Home Depot receipt



IMG\_0772.JPG  
Date & Time: 2018/03/23 14:27:49  
Exp. Info: ISO 1600 / 1/180 s / f/10; File Size: 6,235 KB;  
Lens: 35mm; Flash: External flash;  
Caption: PE 91 Jewel-Osco receipt



IMG\_0773.JPG  
Date & Time: 2018/03/23 14:32:01  
Exp. Info: ISO 1600 / 1/125 s / f/10; File Size: 5,914 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 91



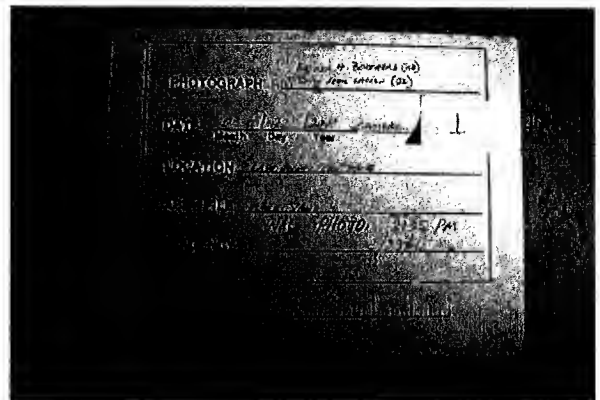
IMG\_0774.JPG  
Date & Time: 2018/03/23 14:34:11  
Exp. Info: ISO 1600 / 1/100 s / f/10; File Size: 6,447 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 91

0620 Koelling 17  
Lake County Clerk Trial Evidence



IMG\_0775.JPG

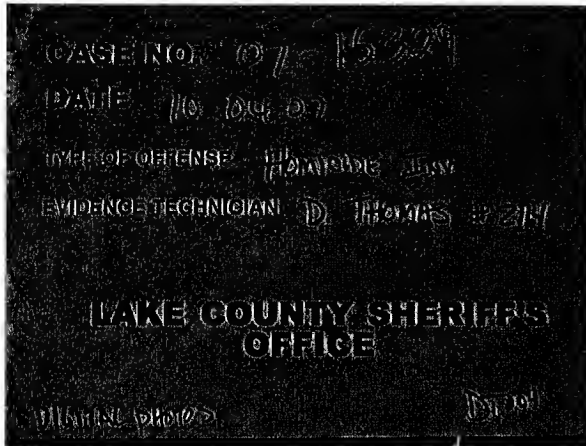
Date & Time: 2018/03/23 14:34:18  
Exp. Info: ISO 1600 / 1/50 s / f/10; File Size: 6,143 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: PE 91 bag w/ contents back



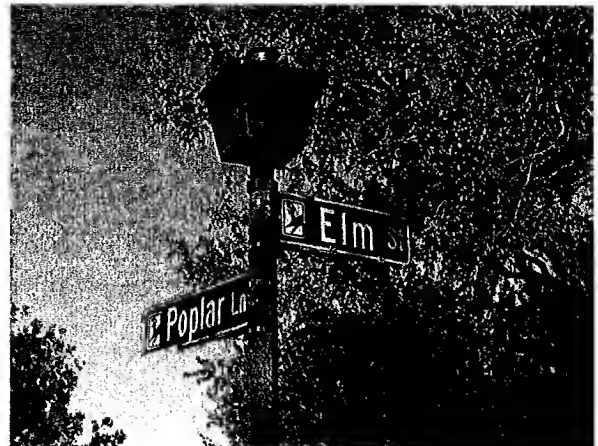
IMG\_0776.JPG

Date & Time: 2018/03/23 14:35:28  
Exp. Info: ISO 1600 / 1/250 s / f/10; File Size: 5,810 KB;  
Lens: 35mm; Flash: Flash not fired;  
Caption: Closing ID plate

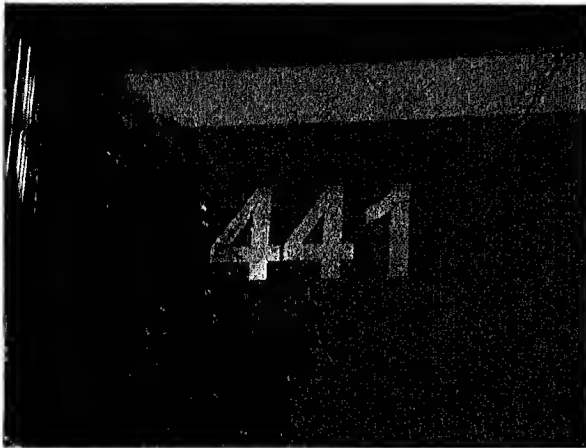
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



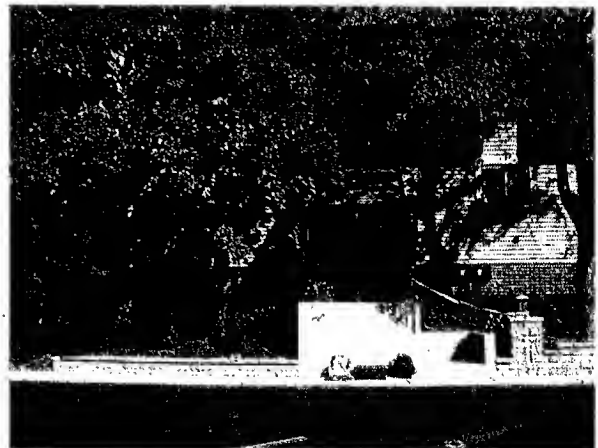
IMG\_2180.JPG  
Exposure: - 1/125 s - f/3.5  
Date: 2006/10/04 09:21:32  
Camera: Canon PowerShot A630



IMG\_2181.JPG  
Exposure: - 1/400 s - f/4  
Date: 2006/10/04 09:21:57  
Camera: Canon PowerShot A630



IMG\_2182.JPG  
Exposure: - 1/250 s - f/4.1  
Date: 2006/10/04 09:22:23  
Camera: Canon PowerShot A630



IMG\_2183.JPG  
Exposure: - 1/250 s - f/4  
Date: 2006/10/04 09:22:43  
Camera: Canon PowerShot A630



IMG\_2184.JPG  
Exposure: - 1/125 s - f/4  
Date: 2006/10/04 09:23:10  
Camera: Canon PowerShot A630



IMG\_2185.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:23:28  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



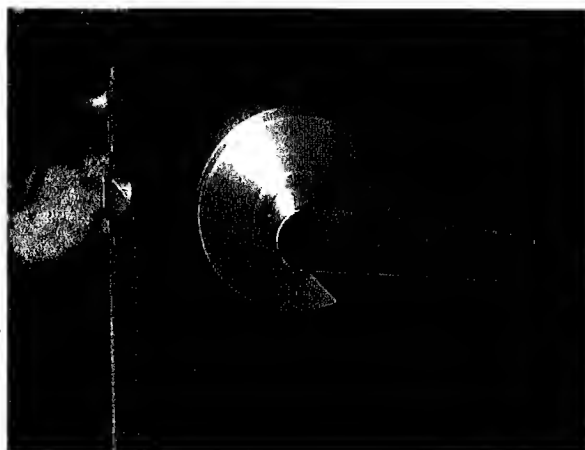
IMG\_2186.JPG  
Exposure: - 1/100 s - f/4  
Date: 2006/10/04 09:23:52  
Camera: Canon PowerShot A630



IMG\_2187.JPG  
Exposure: - 1/160 s - f/3.5  
Date: 2006/10/04 09:25:24  
Camera: Canon PowerShot A630



IMG\_2188.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 09:25:39  
Camera: Canon PowerShot A630



IMG\_2190.JPG  
Exposure: - 1/250 s - f/4  
Date: 2006/10/04 09:27:14  
Camera: Canon PowerShot A630



IMG\_2191.JPG  
Exposure: - 1/160 s - f/3.5  
Date: 2006/10/04 09:27:29  
Camera: Canon PowerShot A630



IMG\_2192.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 09:27:46  
Camera: Canon PowerShot A630



0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2193.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:27:55  
Camera: Canon PowerShot A630



IMG\_2194.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:28:01  
Camera: Canon PowerShot A630



IMG\_2195.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:28:14  
Camera: Canon PowerShot A630



IMG\_2196.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:28:35  
Camera: Canon PowerShot A630



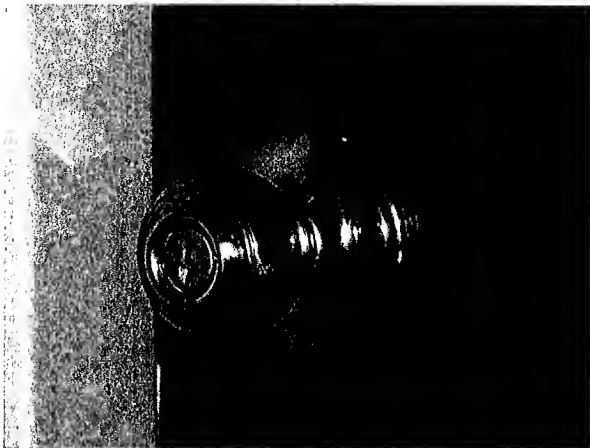
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Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:28:45  
Camera: Canon PowerShot A630



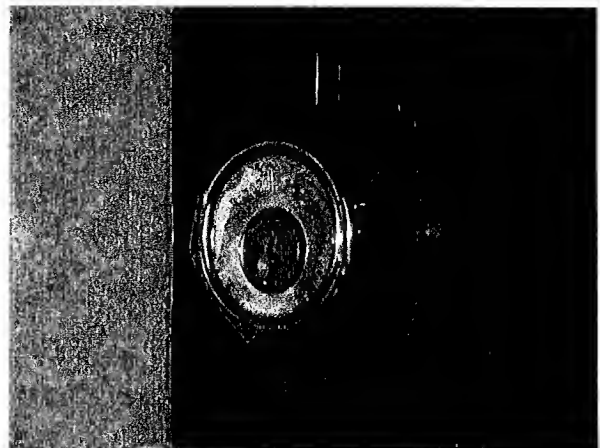
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:33:29  
Camera: Canon PowerShot A630



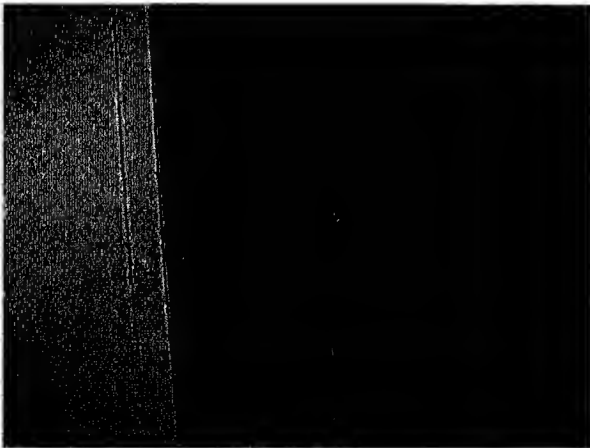
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2199.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:33:45  
Camera: Canon PowerShot A630



IMG\_2200.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:33:53  
Camera: Canon PowerShot A630



IMG\_2201.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:34:13  
Camera: Canon PowerShot A630



IMG\_2202.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 09:34:21  
Camera: Canon PowerShot A630

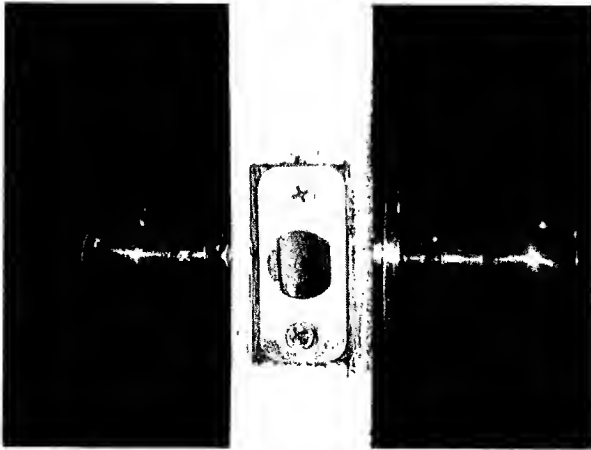


IMG\_2204.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:34:51  
Camera: Canon PowerShot A630

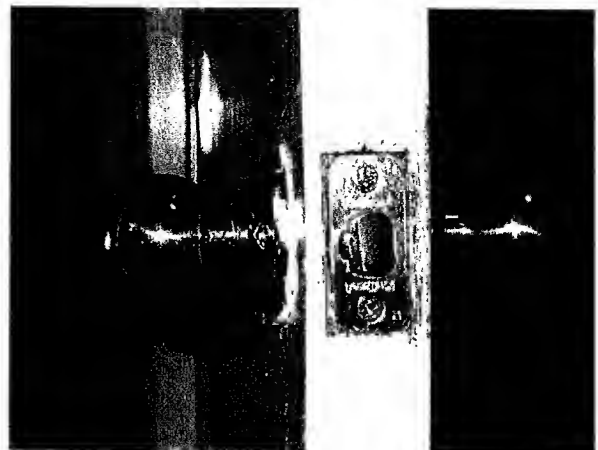


IMG\_2205.JPG  
Exposure: - 1/60 s - f/3.5  
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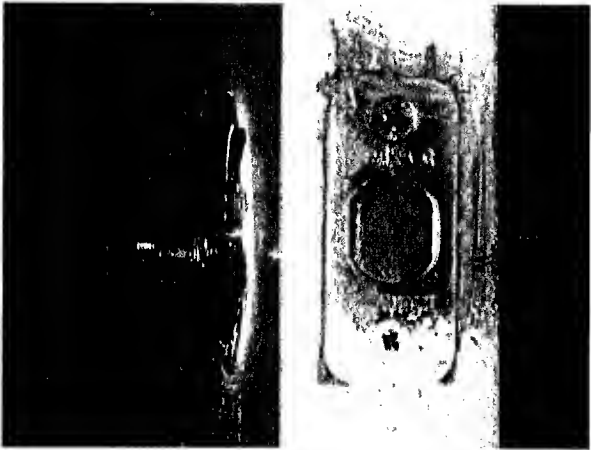
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



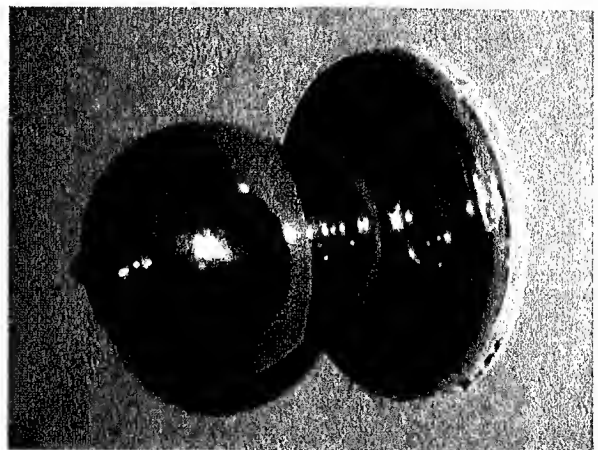
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Date: 2006/10/04 09:35:17  
Camera: Canon PowerShot A630



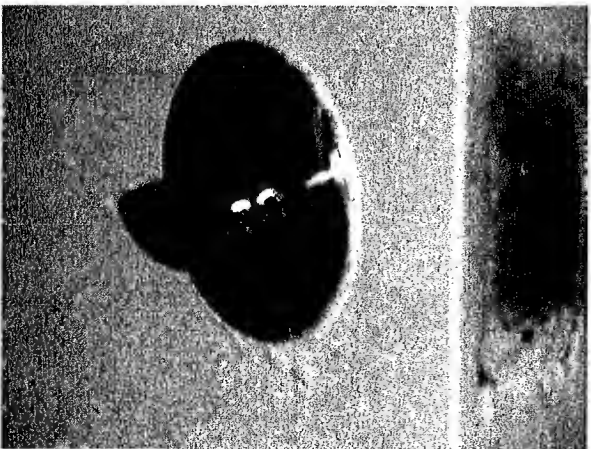
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Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:35:26  
Camera: Canon PowerShot A630



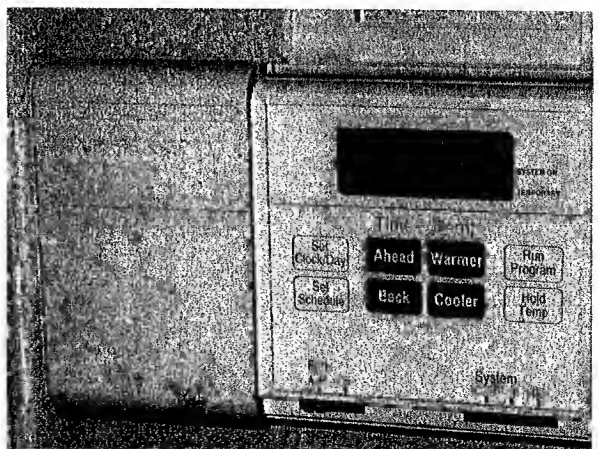
IMG\_2208.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:35:34  
Camera: Canon PowerShot A630



IMG\_2209.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:35:48  
Camera: Canon PowerShot A630



IMG\_2210\_2.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:35:53  
Camera: Canon PowerShot A630



IMG\_2211.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:36:02  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



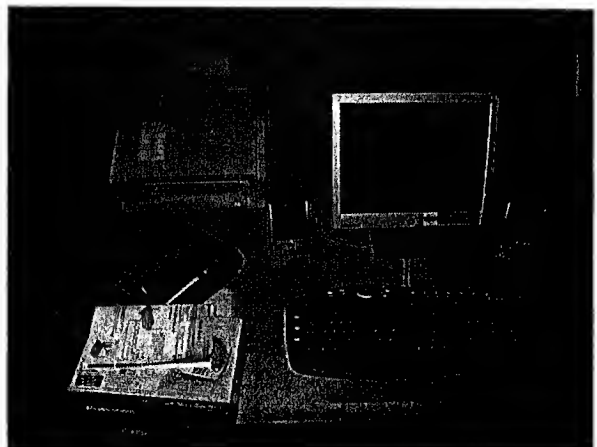
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:36:26  
Camera: Canon PowerShot A630



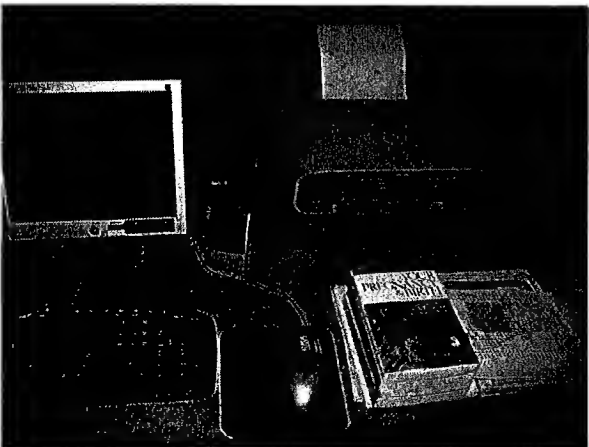
IMG\_2213.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:36:33  
Camera: Canon PowerShot A630



IMG\_2214.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:36:43  
Camera: Canon PowerShot A630



IMG\_2215.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:36:53  
Camera: Canon PowerShot A630



IMG\_2216.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:36:59  
Camera: Canon PowerShot A630



IMG\_2217.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:37:17  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



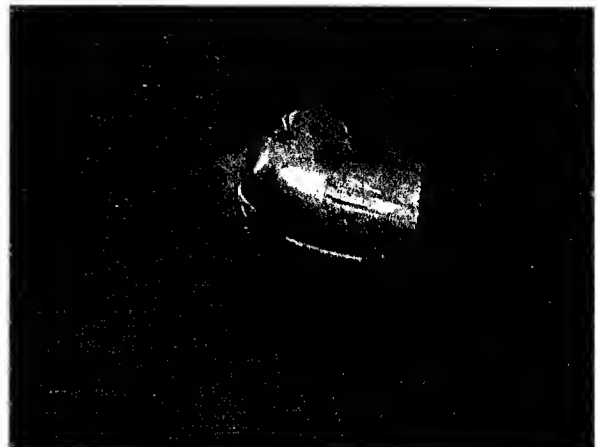
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:37:28  
Camera: Canon PowerShot A630



IMG\_2219.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:37:45  
Camera: Canon PowerShot A630



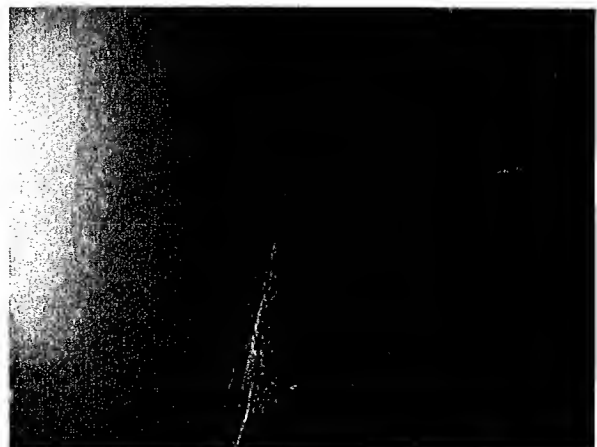
IMG\_2220.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:37:57  
Camera: Canon PowerShot A630



IMG\_2221.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:38:12  
Camera: Canon PowerShot A630

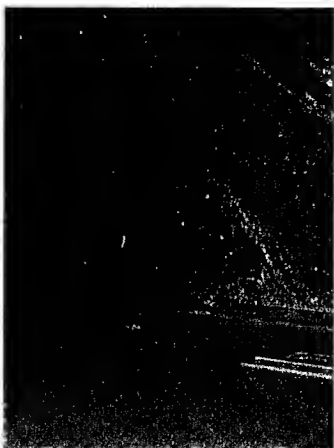


IMG\_2222.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 09:38:25  
Camera: Canon PowerShot A630



IMG\_2223.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:38:39  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



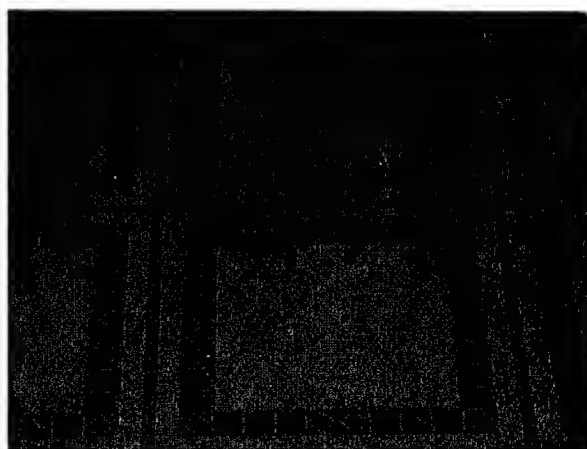
IMG\_2224.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:38:57  
Camera: Canon PowerShot A630



IMG\_2225.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:39:18  
Camera: Canon PowerShot A630



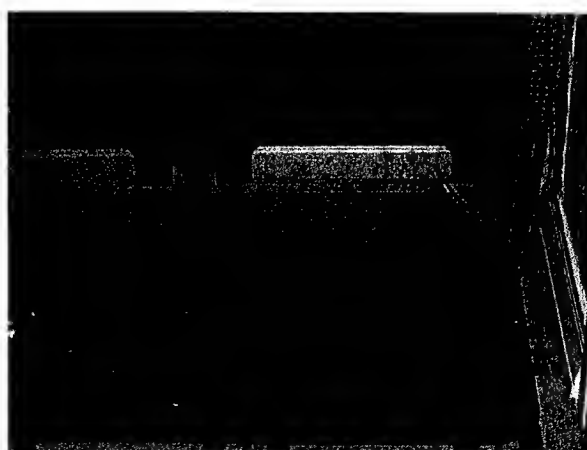
IMG\_2227.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:39:47  
Camera: Canon PowerShot A630



IMG\_2228.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:40:03  
Camera: Canon PowerShot A630



IMG\_2229.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:40:16  
Camera: Canon PowerShot A630

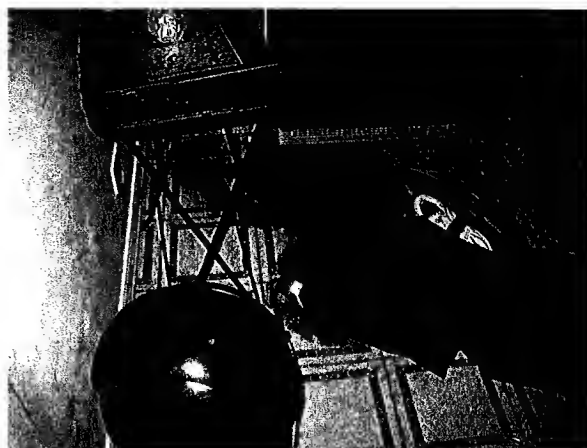


IMG\_2230.JPG  
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Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



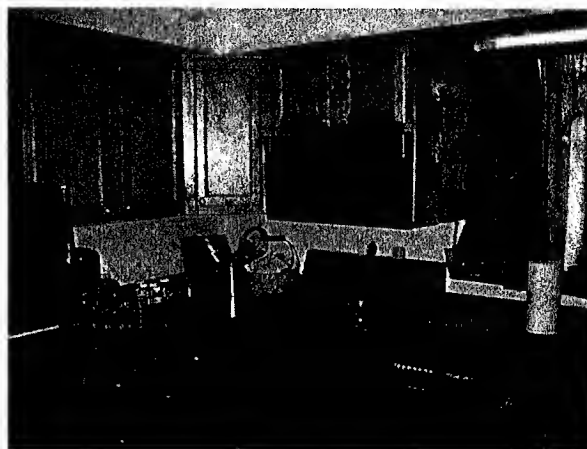
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Camera: Canon PowerShot A630



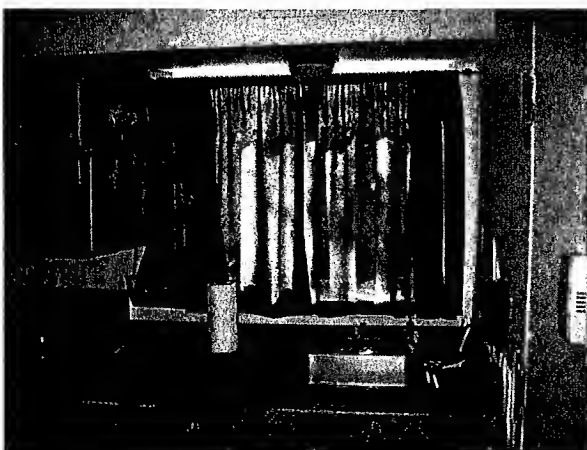
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Date: 2006/10/04 09:40:57  
Camera: Canon PowerShot A630



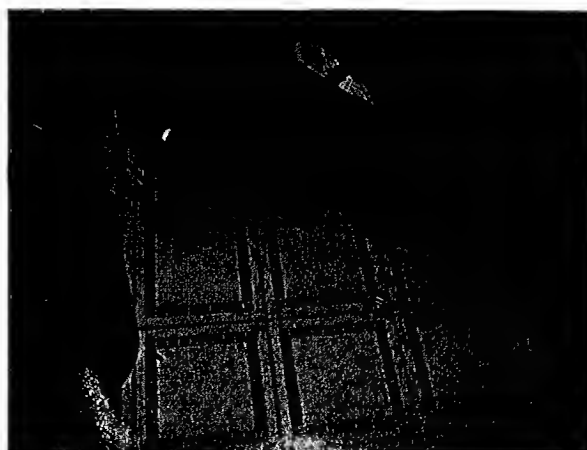
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Date: 2006/10/04 09:41:03  
Camera: Canon PowerShot A630



IMG\_2234.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:41:09  
Camera: Canon PowerShot A630



IMG\_2235.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:41:15  
Camera: Canon PowerShot A630

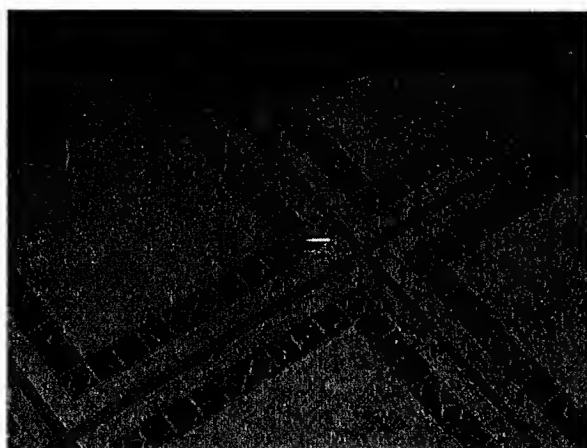


IMG\_2236.JPG  
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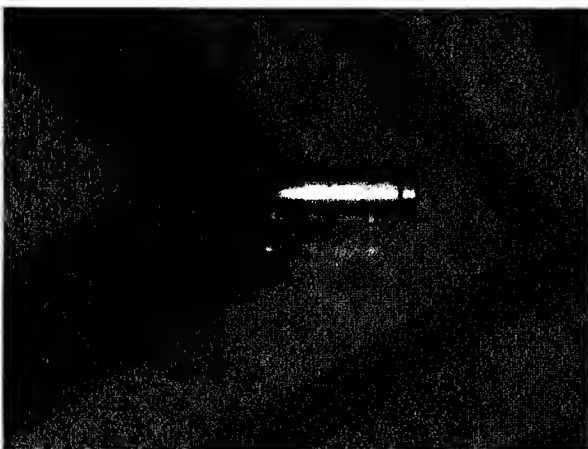
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2237.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:41:34  
Camera: Canon PowerShot A630



IMG\_2238.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:41:44  
Camera: Canon PowerShot A630



IMG\_2239.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:41:54  
Camera: Canon PowerShot A630



IMG\_2240.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:42:15  
Camera: Canon PowerShot A630



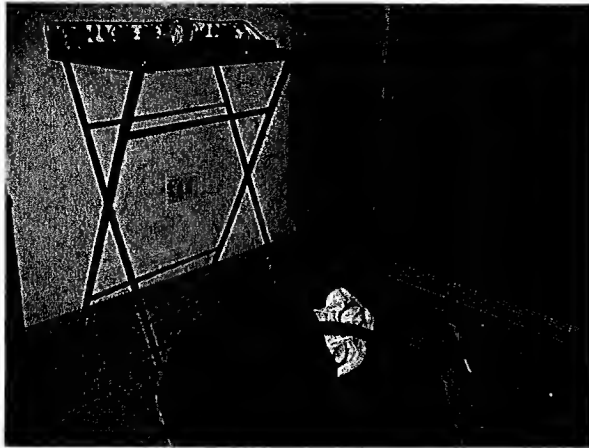
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:42:23  
Camera: Canon PowerShot A630



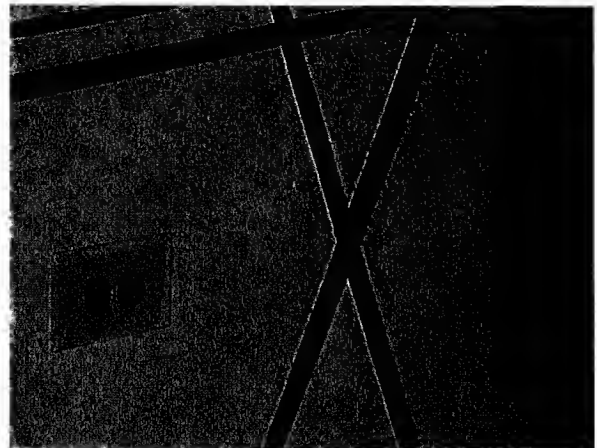
IMG\_2241\_2.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:42:23  
Camera: Canon PowerShot A630



0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



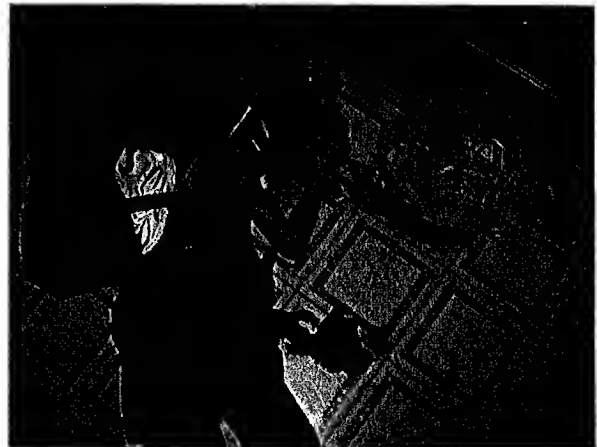
IMG\_2243.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:42:46  
Camera: Canon PowerShot A630



IMG\_2244.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:42:55  
Camera: Canon PowerShot A630



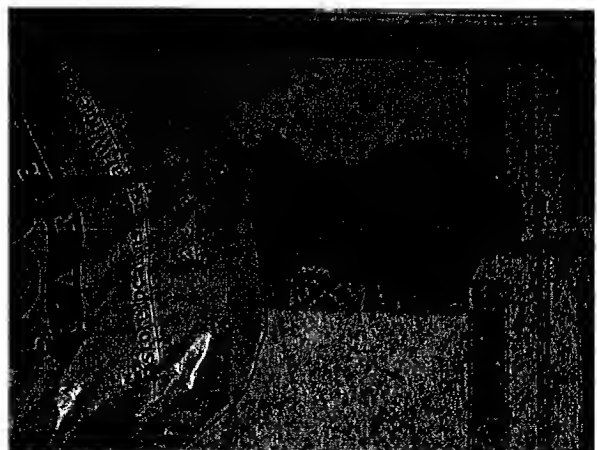
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:43:18  
Camera: Canon PowerShot A630



IMG\_2247.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:43:43  
Camera: Canon PowerShot A630



IMG\_2248.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:43:51  
Camera: Canon PowerShot A630



IMG\_2249.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:44:04  
Camera: Canon PowerShot A630



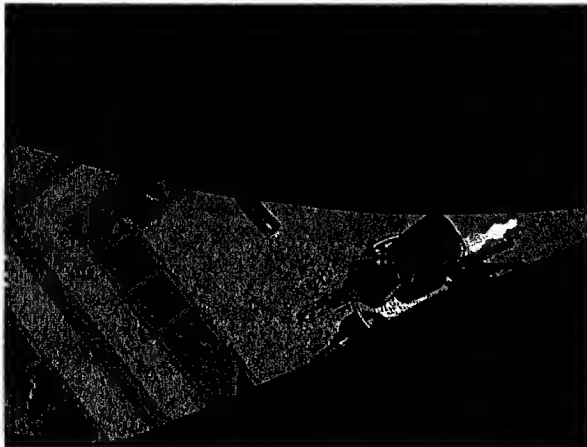
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



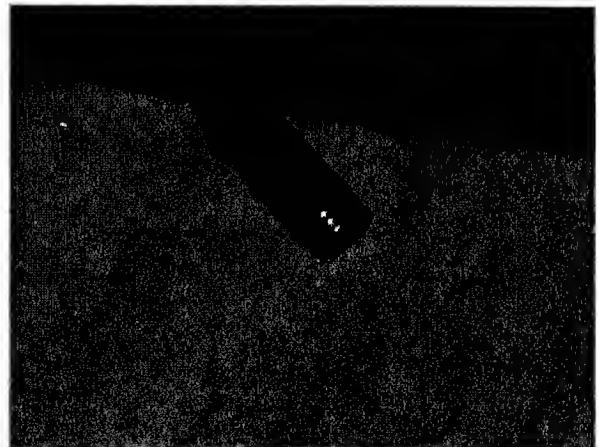
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:45:05  
Camera: Canon PowerShot A630



IMG\_2252.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:45:16  
Camera: Canon PowerShot A630



IMG\_2253.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:45:24  
Camera: Canon PowerShot A630



IMG\_2254.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:45:33  
Camera: Canon PowerShot A630

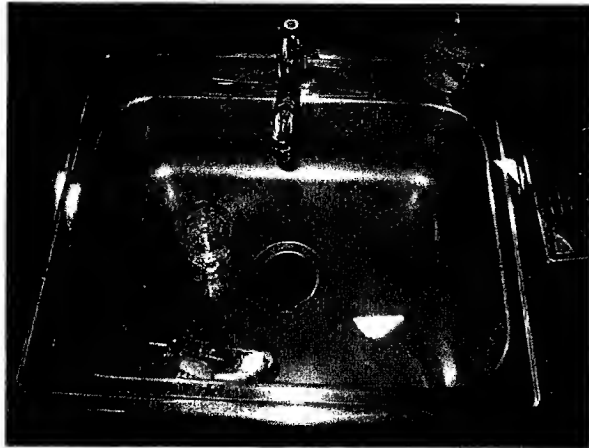


IMG\_2255.JPG  
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Date: 2006/10/04 09:45:53  
Camera: Canon PowerShot A630



IMG\_2256.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:46:06  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2257.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:46:48  
Camera: Canon PowerShot A630



IMG\_2258.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:46:56  
Camera: Canon PowerShot A630



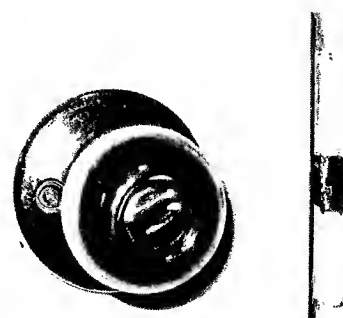
IMG\_2259.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:47:17  
Camera: Canon PowerShot A630



IMG\_2260.JPG  
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Date: 2006/10/04 09:47:26  
Camera: Canon PowerShot A630

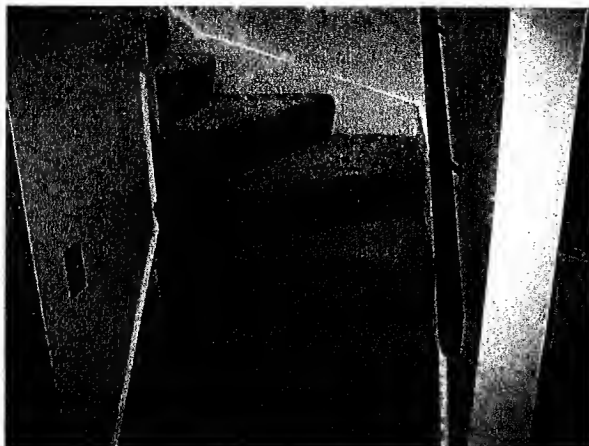


IMG\_2262.JPG  
Exposure: - 1/60 s - f/3.5  
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Camera: Canon PowerShot A630

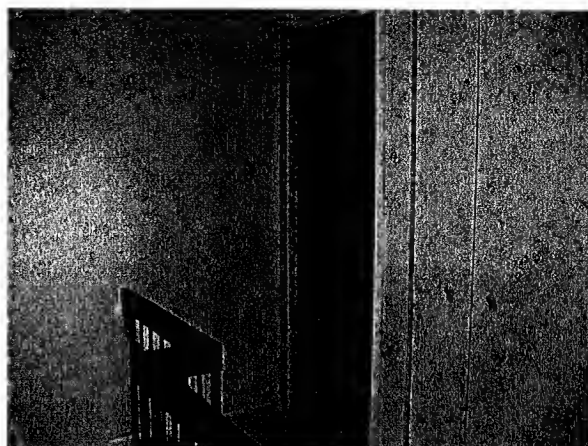


IMG\_2263.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:47:54  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



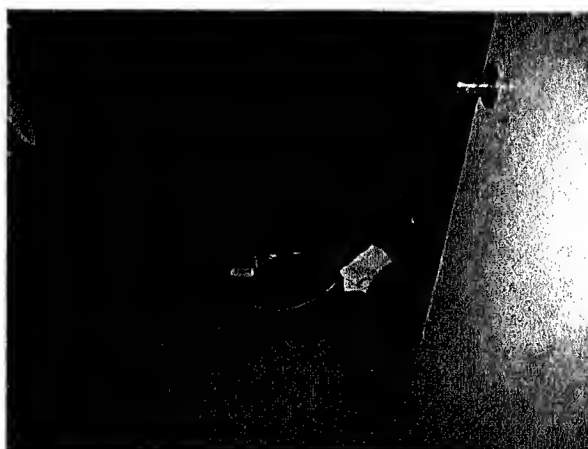
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Camera: Canon PowerShot A630



IMG\_2265.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:49:15  
Camera: Canon PowerShot A630



IMG\_2266.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:49:35  
Camera: Canon PowerShot A630



IMG\_2267.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:49:42  
Camera: Canon PowerShot A630

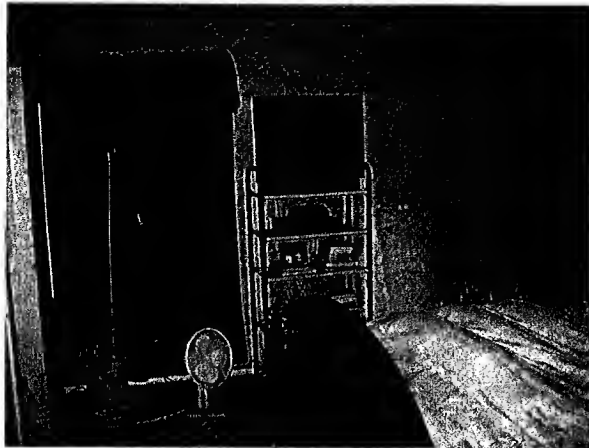


IMG\_2268.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:49:50  
Camera: Canon PowerShot A630



IMG\_2269.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:49:56  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



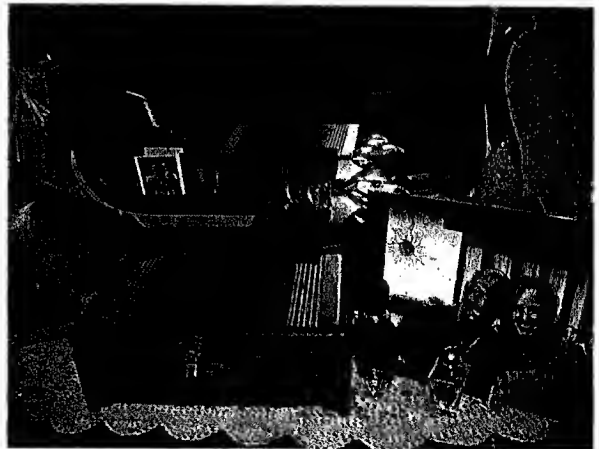
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Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:50:04  
Camera: Canon PowerShot A630



IMG\_2271.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:50:38  
Camera: Canon PowerShot A630



IMG\_2272.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:50:44  
Camera: Canon PowerShot A630



IMG\_2273.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:50:59  
Camera: Canon PowerShot A630



IMG\_2274.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 09:51:06  
Camera: Canon PowerShot A630

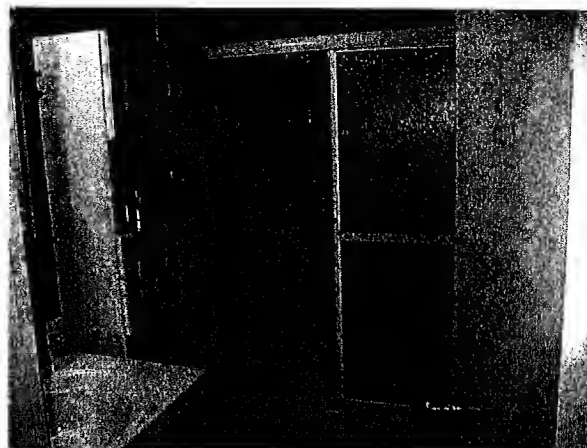


IMG\_2275.JPG  
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Camera: Canon PowerShot A630

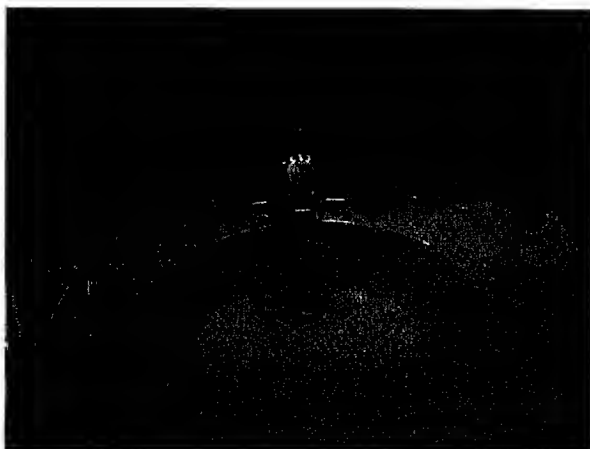
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2276.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:51:26  
Camera: Canon PowerShot A630



IMG\_2279.JPG  
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Date: 2006/10/04 09:52:25  
Camera: Canon PowerShot A630



IMG\_2280.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:52:42  
Camera: Canon PowerShot A630



IMG\_2281.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:53:09  
Camera: Canon PowerShot A630



IMG\_2282.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:53:14  
Camera: Canon PowerShot A630



IMG\_2283.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:53:23  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2284.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:53:30  
Camera: Canon PowerShot A630



IMG\_2285.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:53:37  
Camera: Canon PowerShot A630



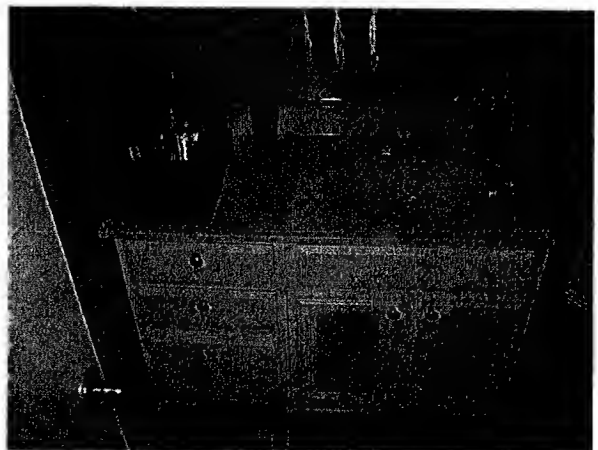
IMG\_2286.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:54:07  
Camera: Canon PowerShot A630



IMG\_2287.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 09:54:17  
Camera: Canon PowerShot A630



IMG\_2288.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:54:33  
Camera: Canon PowerShot A630



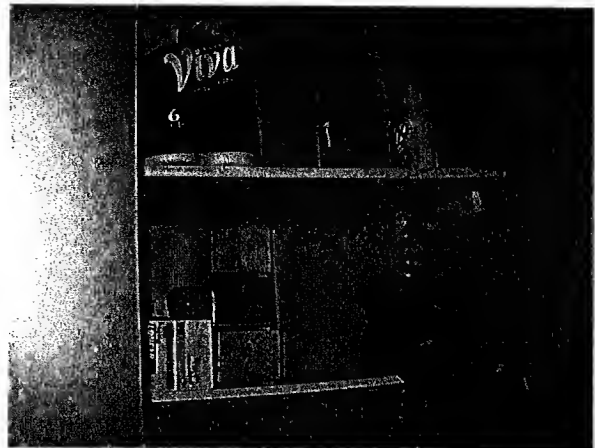
IMG\_2289.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:54:45  
Camera: Canon PowerShot A630



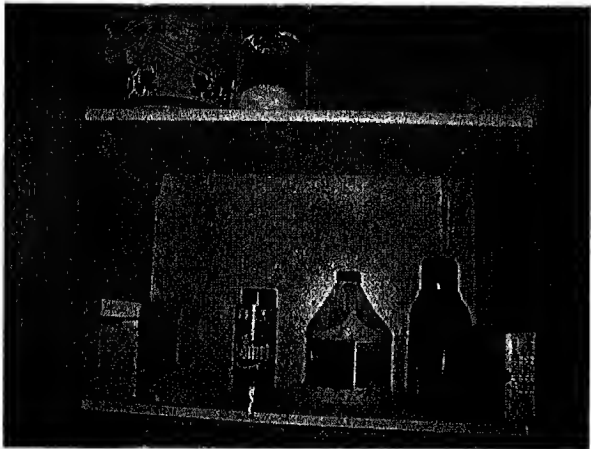
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



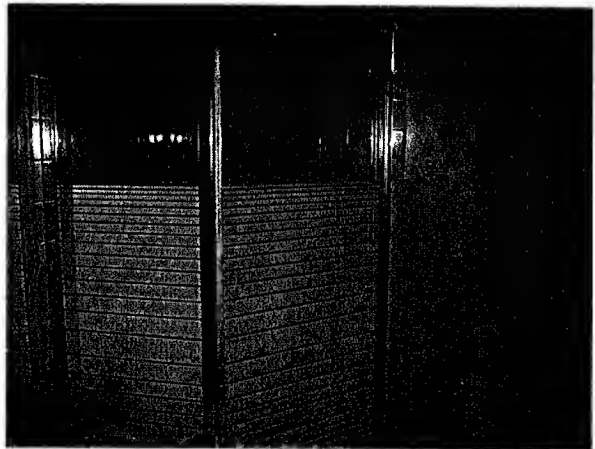
IMG\_2290.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:01  
Camera: Canon PowerShot A630



IMG\_2291.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:08  
Camera: Canon PowerShot A630



IMG\_2292.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:19  
Camera: Canon PowerShot A630



IMG\_2293.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:26  
Camera: Canon PowerShot A630

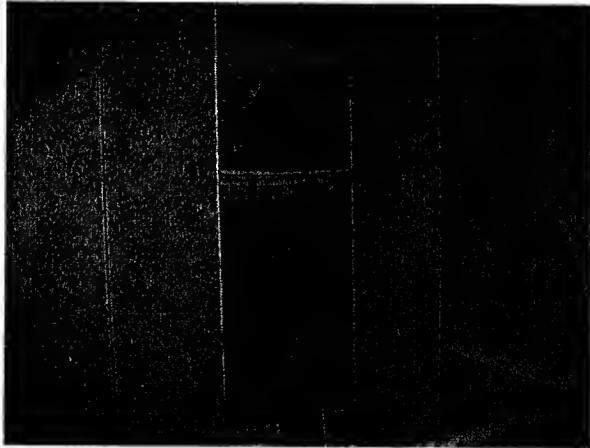


IMG\_2294.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:42  
Camera: Canon PowerShot A630

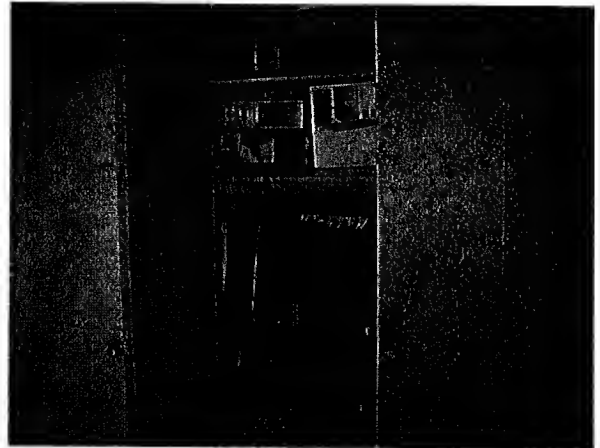


IMG\_2295.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:55:53  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2296.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:56:00  
Camera: Canon PowerShot A630



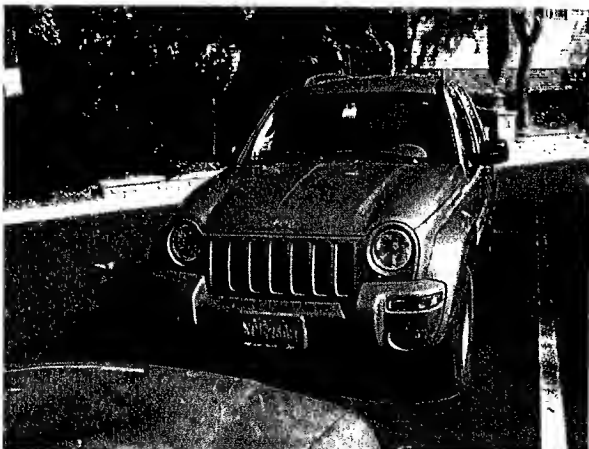
IMG\_2297.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 09:56:07  
Camera: Canon PowerShot A630



IMG\_2298.JPG  
Exposure: - 1/160 s - f/3.5  
Date: 2006/10/04 09:58:15  
Camera: Canon PowerShot A630



IMG\_2299.JPG  
Exposure: - 1/320 s - f/4  
Date: 2006/10/04 09:58:38  
Camera: Canon PowerShot A630



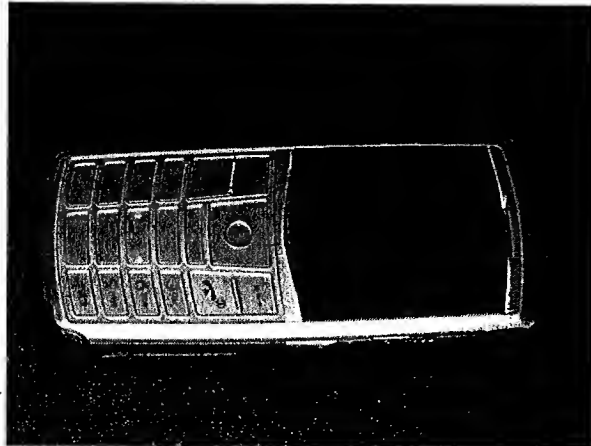
IMG\_2300.JPG  
Exposure: - 1/200 s - f/4  
Date: 2006/10/04 09:58:49  
Camera: Canon PowerShot A630



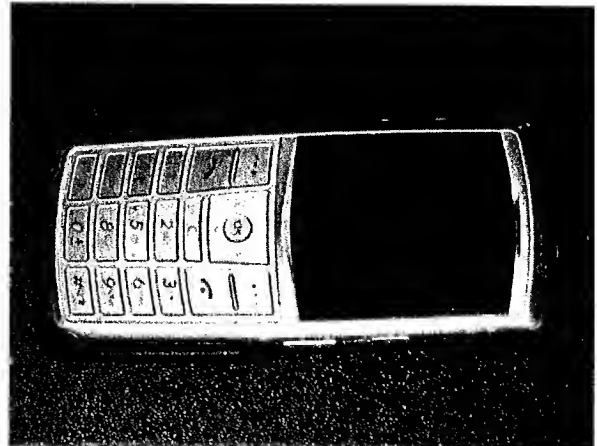
IMG\_2301.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 09:59:03  
Camera: Canon PowerShot A630



0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



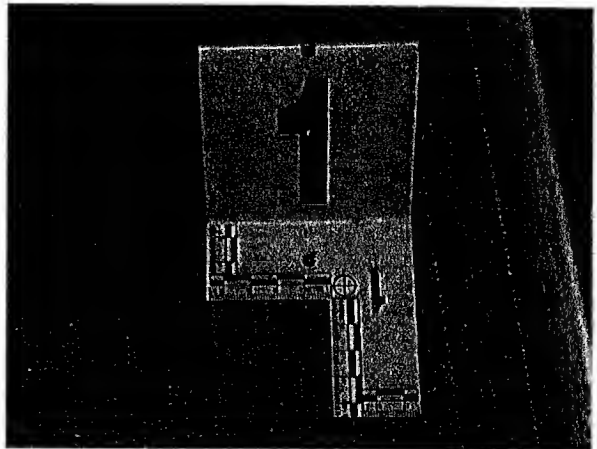
IMG\_2303.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:40:38  
Camera: Canon PowerShot A630



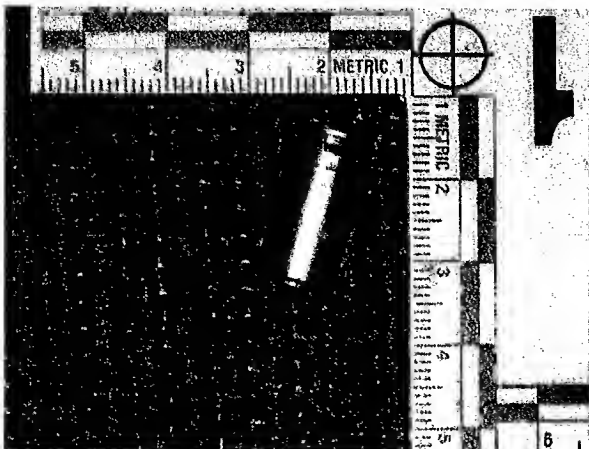
IMG\_2304.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:40:47  
Camera: Canon PowerShot A630



IMG\_2305.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 10:56:26  
Camera: Canon PowerShot A630



IMG\_2306.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:56:38  
Camera: Canon PowerShot A630

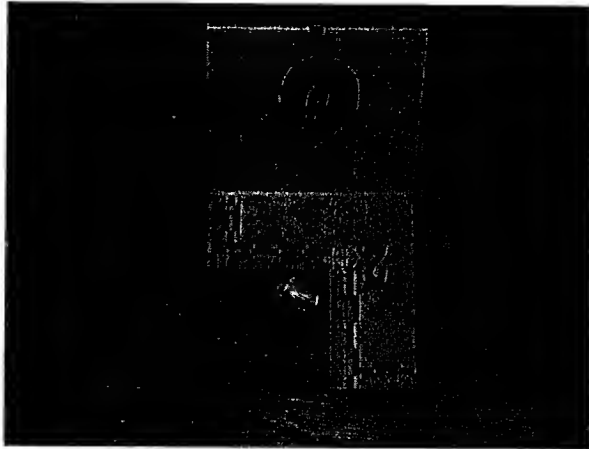


IMG\_2307.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:56:50  
Camera: Canon PowerShot A630

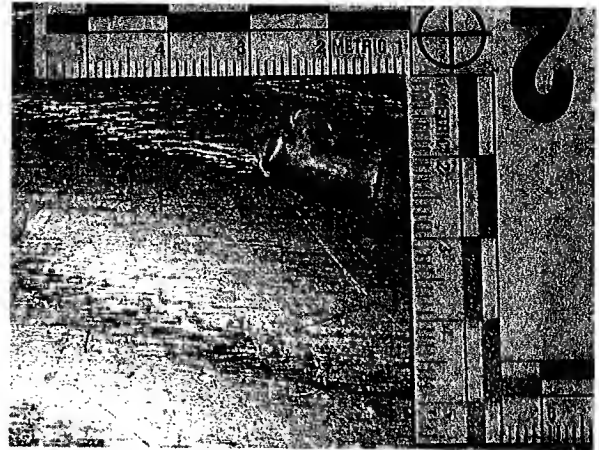


IMG\_2308.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 10:57:08  
Camera: Canon PowerShot A630

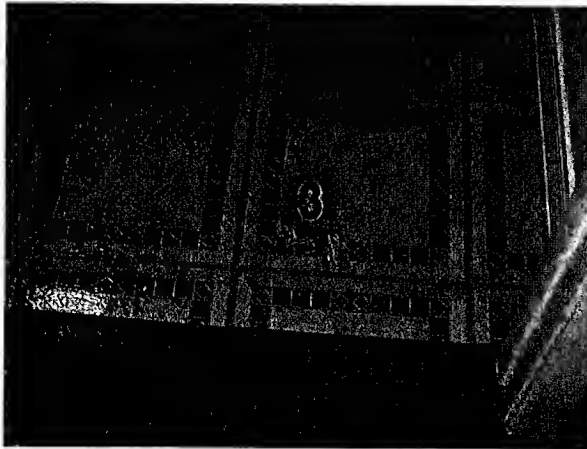
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



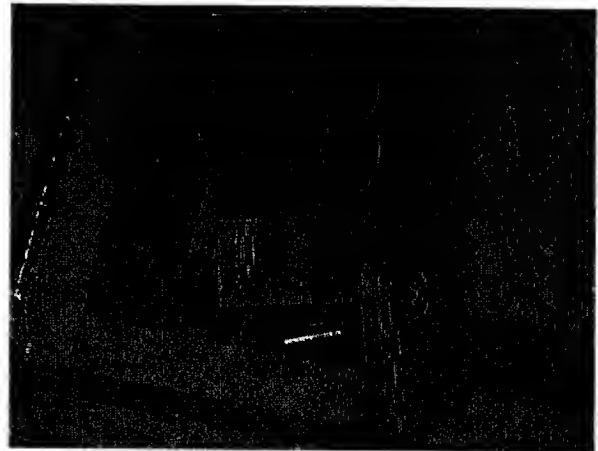
IMG\_2309.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:57:15  
Camera: Canon PowerShot A630



IMG\_2310.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:57:27  
Camera: Canon PowerShot A630



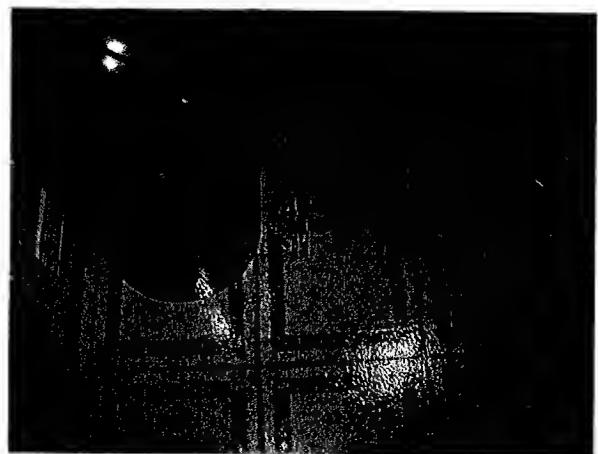
IMG\_2311.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:57:46  
Camera: Canon PowerShot A630



IMG\_2312.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:57:55  
Camera: Canon PowerShot A630

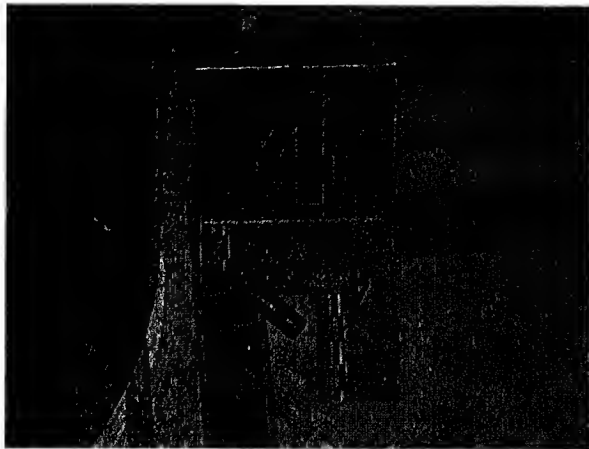


IMG\_2313.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:58:04  
Camera: Canon PowerShot A630

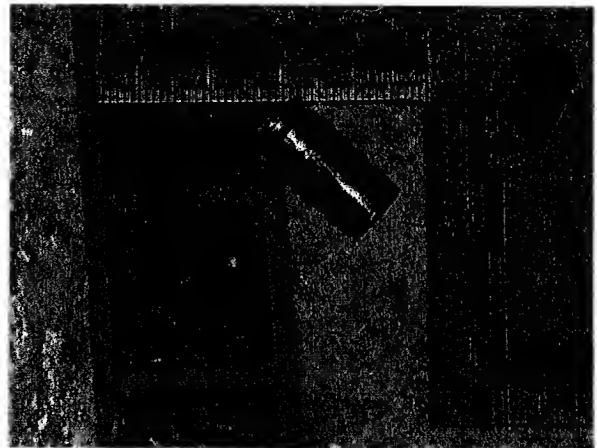


IMG\_2314.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 10:58:14  
Camera: Canon PowerShot A630

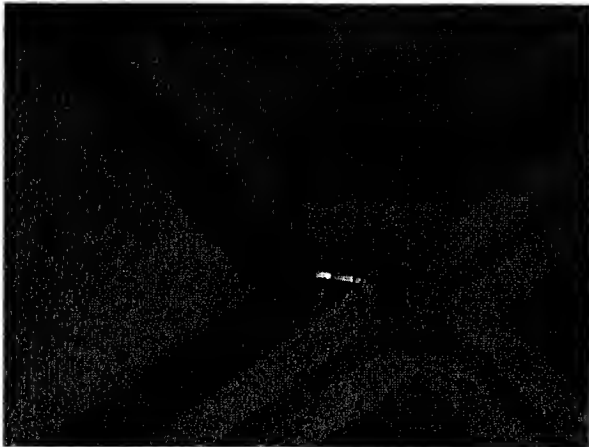
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



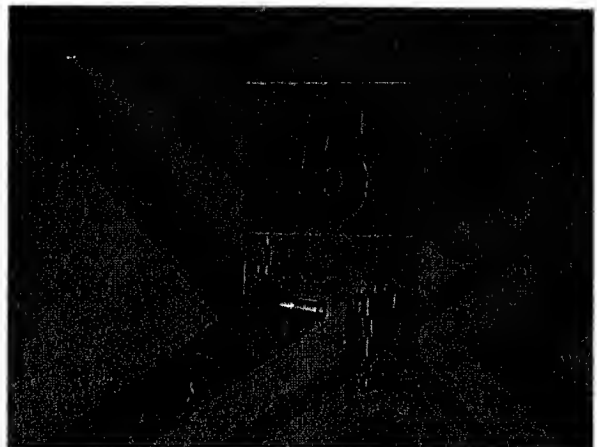
IMG\_2315.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:58:23  
Camera: Canon PowerShot A630



IMG\_2316.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:58:31  
Camera: Canon PowerShot A630



IMG\_2317.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:58:38  
Camera: Canon PowerShot A630



IMG\_2318.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:58:49  
Camera: Canon PowerShot A630



IMG\_2320.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:59:15  
Camera: Canon PowerShot A630



IMG\_2321.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 10:59:24  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2322.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:59:34  
Camera: Canon PowerShot A630



IMG\_2323.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:59:46  
Camera: Canon PowerShot A630



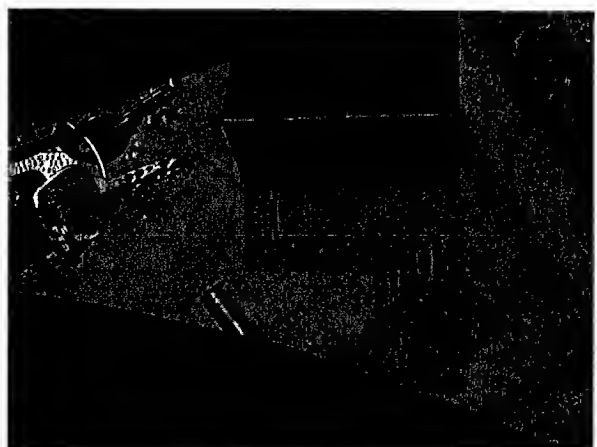
IMG\_2324.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 10:59:54  
Camera: Canon PowerShot A630



IMG\_2325.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:00:04  
Camera: Canon PowerShot A630



IMG\_2327.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:00:25  
Camera: Canon PowerShot A630



IMG\_2328.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:00:37  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2329.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:00:48  
Camera: Canon PowerShot A630



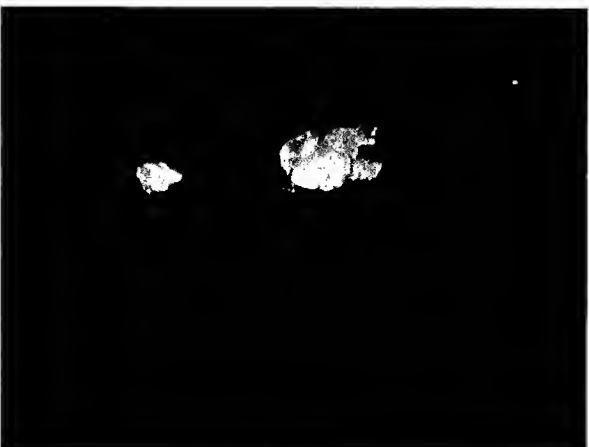
IMG\_2330.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:00:55  
Camera: Canon PowerShot A630



IMG\_2331.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:01:04  
Camera: Canon PowerShot A630



IMG\_2332.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:01:12  
Camera: Canon PowerShot A630



IMG\_2333.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:01:24  
Camera: Canon PowerShot A630

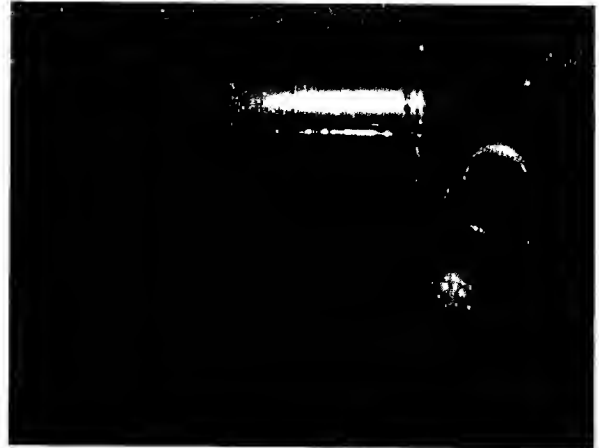


IMG\_2334.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 11:41:24  
Camera: Canon PowerShot A630

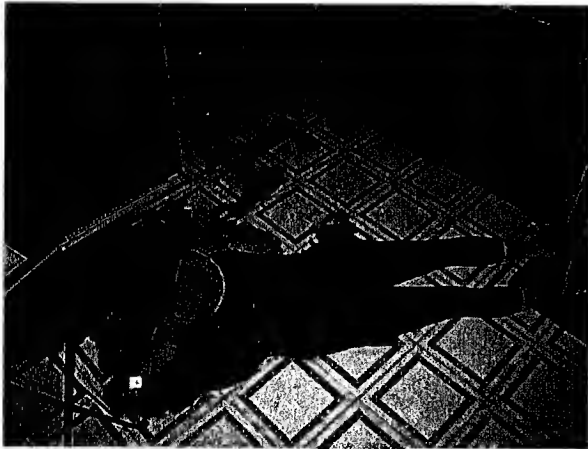
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



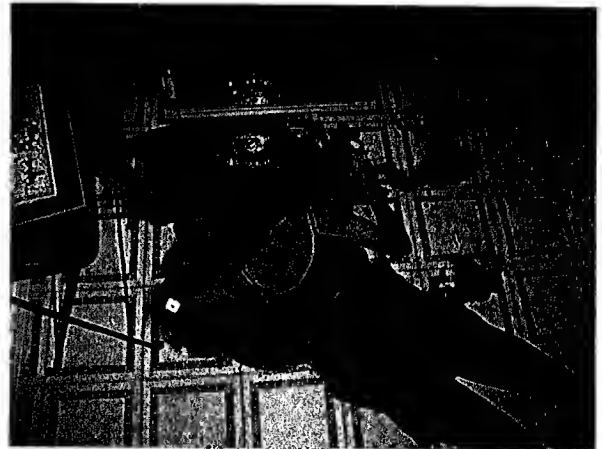
IMG\_2335.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:41:32  
Camera: Canon PowerShot A630



IMG\_2336.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:41:43  
Camera: Canon PowerShot A630



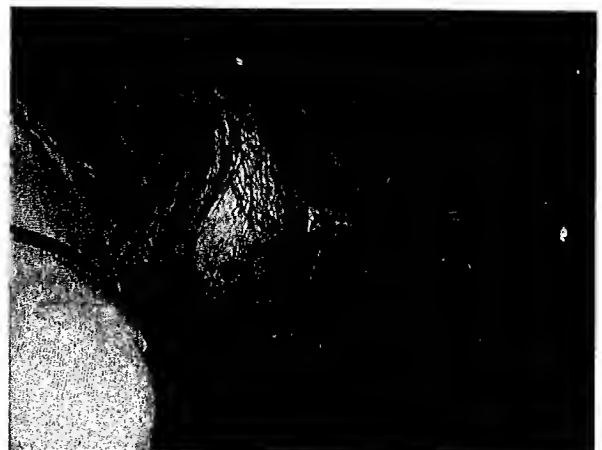
IMG\_2337.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 11:45:37  
Camera: Canon PowerShot A630



IMG\_2338.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 11:45:48  
Camera: Canon PowerShot A630

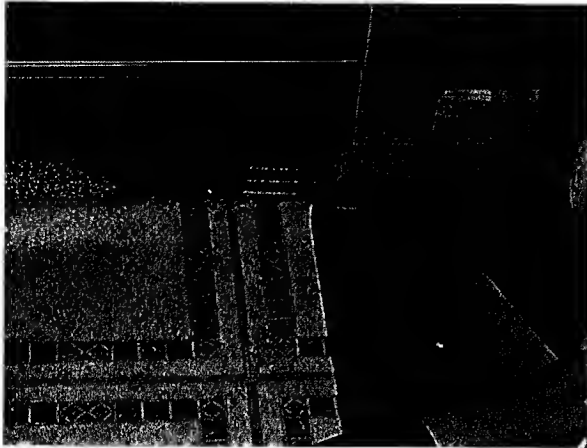


IMG\_2339.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 11:46:42  
Camera: Canon PowerShot A630

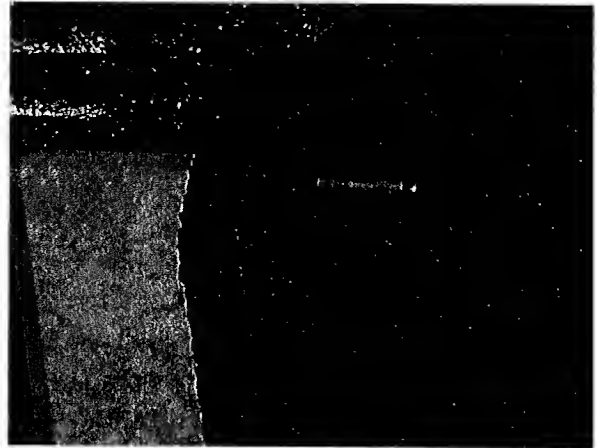


IMG\_2340.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:46:51  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2341.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:49:29  
Camera: Canon PowerShot A630



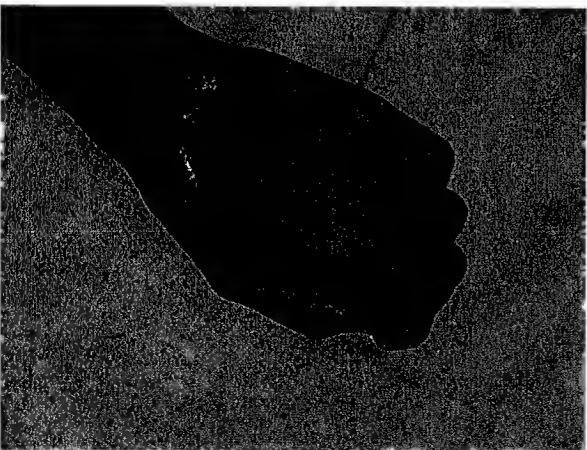
IMG\_2342.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:49:39  
Camera: Canon PowerShot A630



IMG\_2343.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 11:51:50  
Camera: Canon PowerShot A630



IMG\_2344.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:51:57  
Camera: Canon PowerShot A630



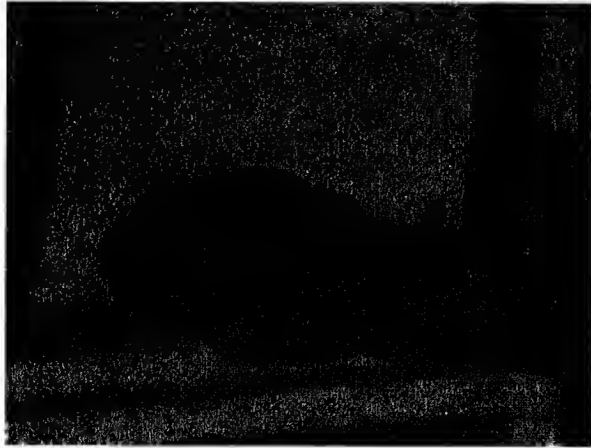
IMG\_2345.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:52:11  
Camera: Canon PowerShot A630



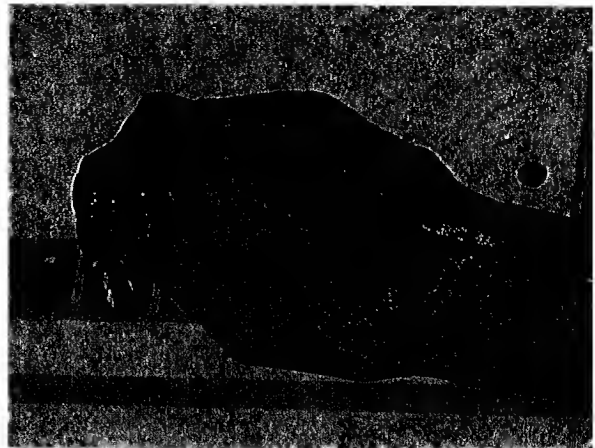
IMG\_2346.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:52:21  
Camera: Canon PowerShot A630



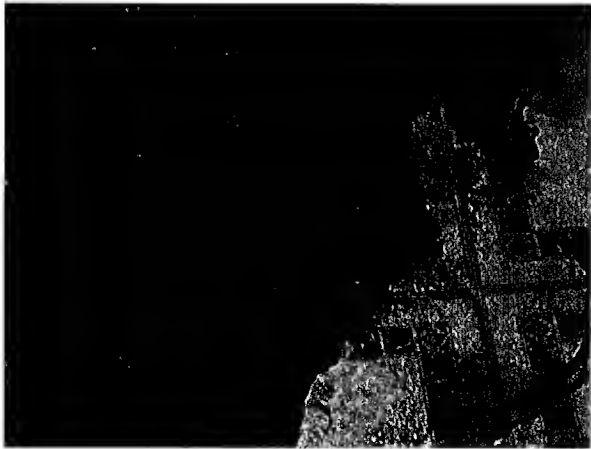
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2347.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:52:28  
Camera: Canon PowerShot A630



IMG\_2348.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:52:42  
Camera: Canon PowerShot A630



IMG\_2349.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:52:58  
Camera: Canon PowerShot A630



IMG\_2350.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:53:08  
Camera: Canon PowerShot A630



IMG\_2351.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:53:22  
Camera: Canon PowerShot A630



IMG\_2352.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:53:28  
Camera: Canon PowerShot A630



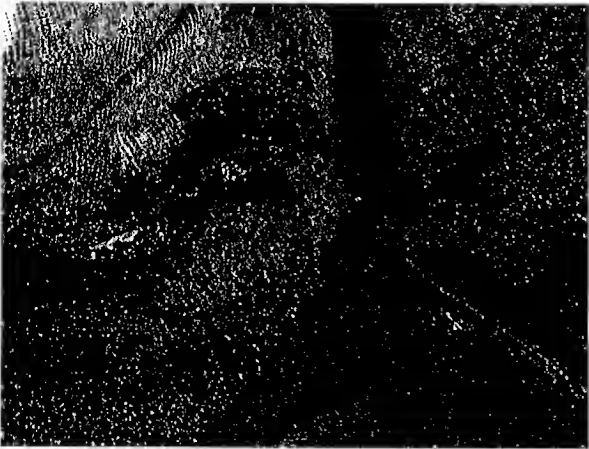
0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2353.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:53:36  
Camera: Canon PowerShot A630



IMG\_2355.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:54:17  
Camera: Canon PowerShot A630



IMG\_2356.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:54:25  
Camera: Canon PowerShot A630



IMG\_2357.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:54:38  
Camera: Canon PowerShot A630

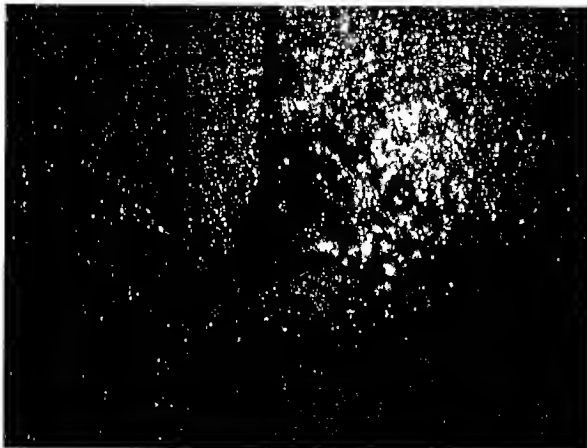


IMG\_2358.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:54:50  
Camera: Canon PowerShot A630



IMG\_2359.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:54:58  
Camera: Canon PowerShot A630

0620 Koelling 17  
Lake County Sheriff Crime Scene Photos



IMG\_2360.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:55:07  
Camera: Canon PowerShot A630



IMG\_2361.JPG  
Exposure: - 1/60 s - f/2.8  
Date: 2006/10/04 11:55:44  
Camera: Canon PowerShot A630



IMG\_2362.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:55:52  
Camera: Canon PowerShot A630



IMG\_2363.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 11:56:39  
Camera: Canon PowerShot A630

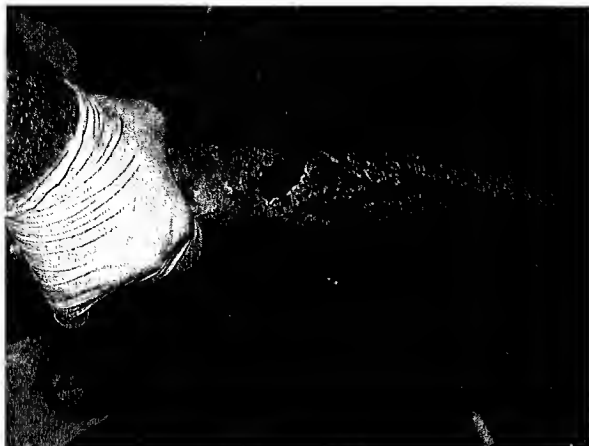


IMG\_2364.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:56:49  
Camera: Canon PowerShot A630

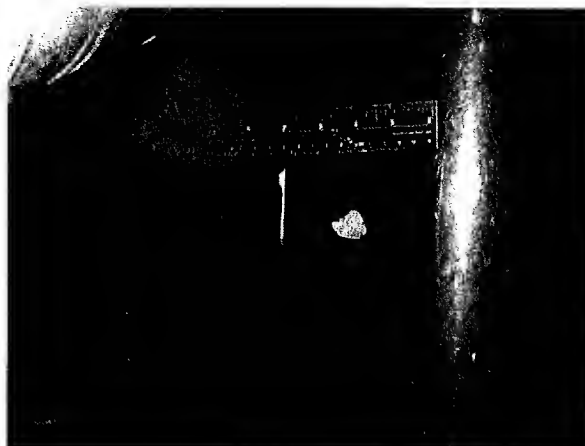


IMG\_2365.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 11:57:55  
Camera: Canon PowerShot A630

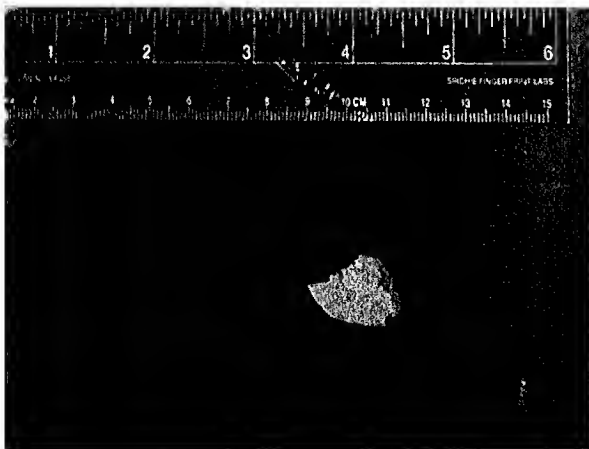
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Lake County Sheriff Crime Scene Photos



IMG\_2366.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 11:59:17  
Camera: Canon PowerShot A630



IMG\_2368.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 12:36:00  
Camera: Canon PowerShot A630



IMG\_2369.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 12:36:11  
Camera: Canon PowerShot A630



IMG\_2370.JPG  
Exposure: - 1/60 s - f/3.2  
Date: 2006/10/04 12:37:33  
Camera: Canon PowerShot A630

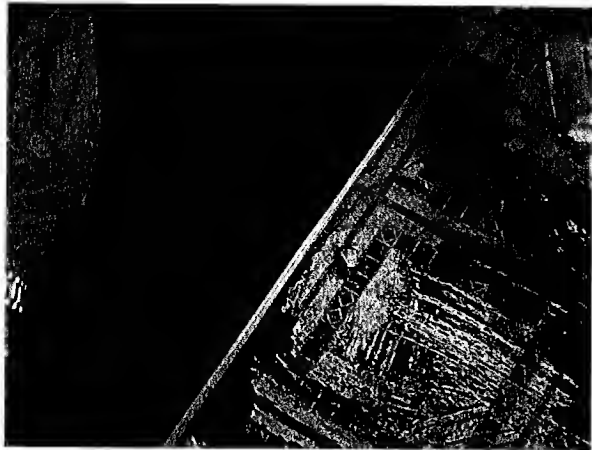


IMG\_2371.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 12:41:49  
Camera: Canon PowerShot A630



IMG\_2372.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 12:41:58  
Camera: Canon PowerShot A630

**0620 Koelling 17**  
**Lake County Sheriff Crime Scene Photos**

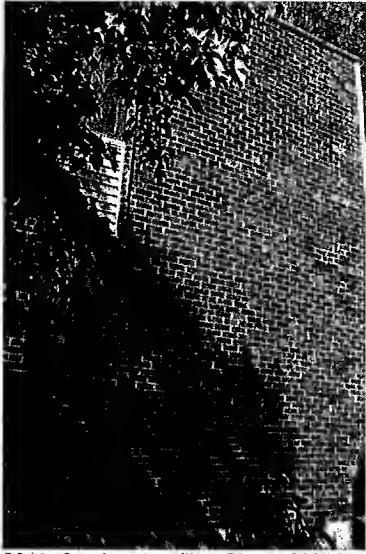


IMG\_2373.JPG  
Exposure: - 1/60 s - f/3.5  
Date: 2006/10/04 12:51:14  
Camera: Canon PowerShot A630

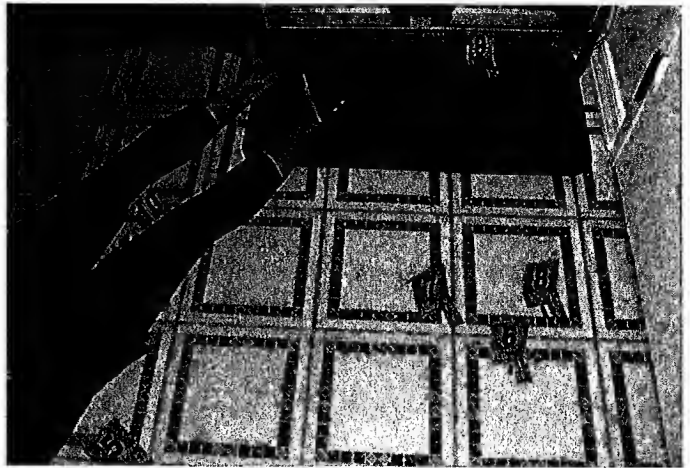


IMG\_2374.JPG  
Exposure: - 1/60 s - f/4.1  
Date: 2006/10/04 12:51:24  
Camera: Canon PowerShot A630

0620 Koelling 17  
Deerfield PD Film Prints - Individual Prints



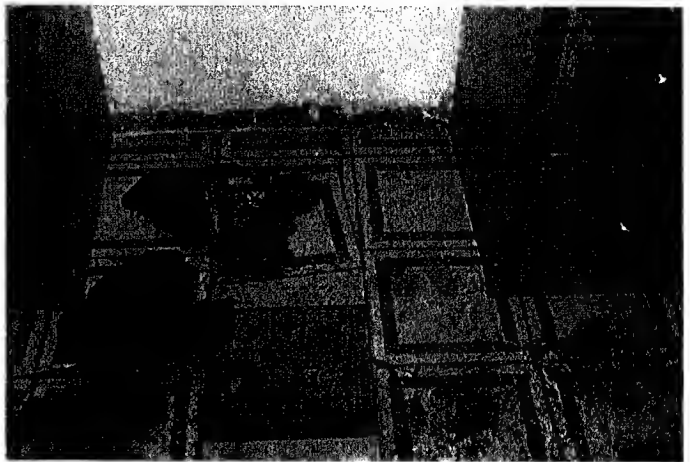
2018\_October\_Koelling-Stone\_0001.jpg



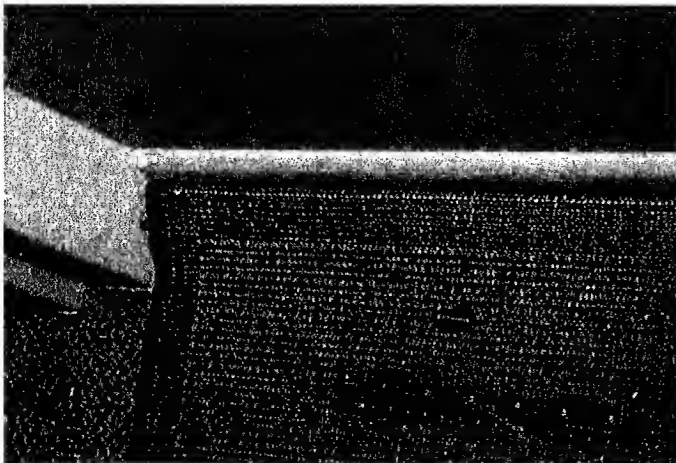
2018\_October\_Koelling-Stone\_0002.jpg



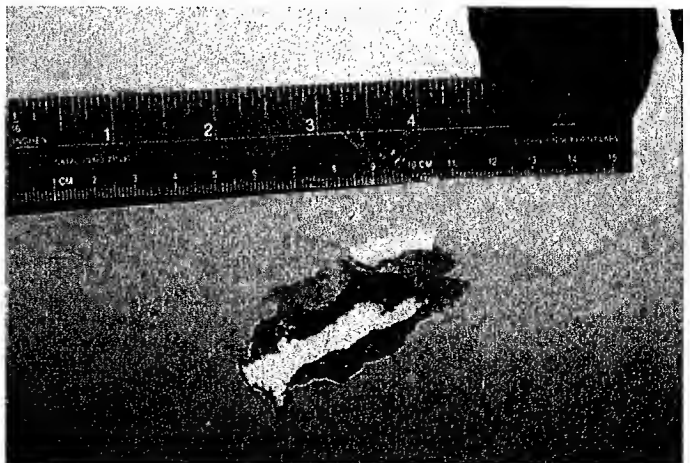
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2018\_October\_Koelling-Stone\_0004.jpg

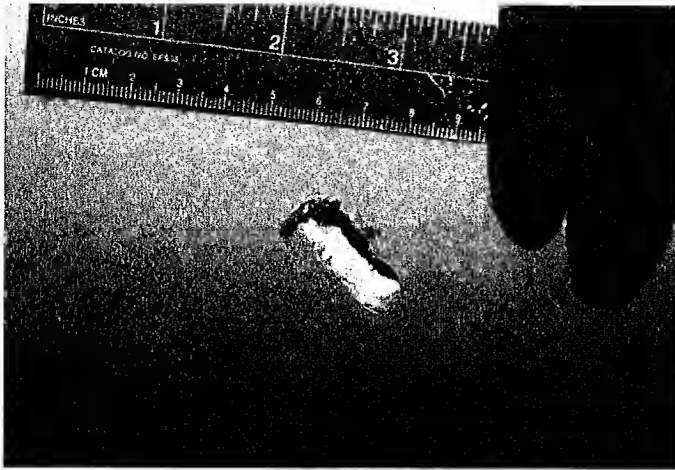


2018\_October\_Koelling-Stone\_0005.jpg



2018\_October\_Koelling-Stone\_0006.jpg

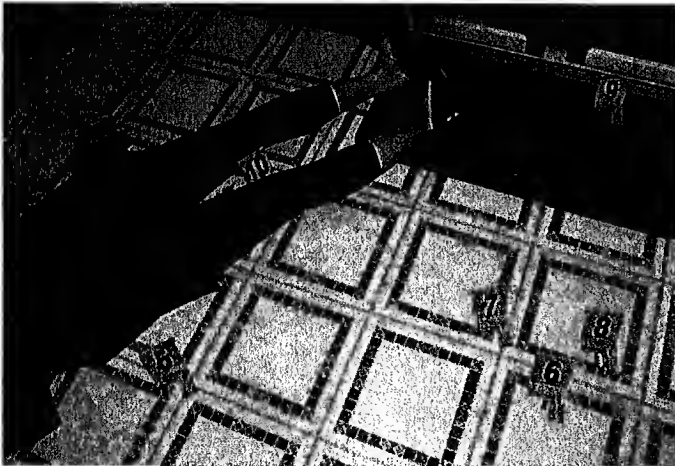
0620 Koelling 17  
Deerfield PD Film Prints - Individual Prints



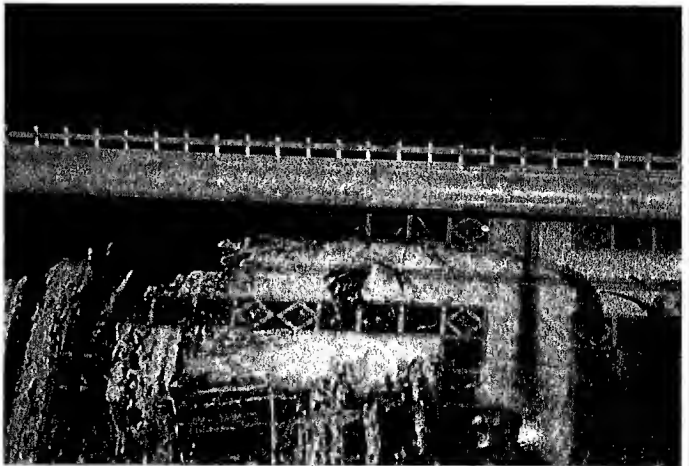
2018\_October\_Koelling-Stone\_0007.jpg



2018\_October\_Koelling-Stone\_0008.jpg



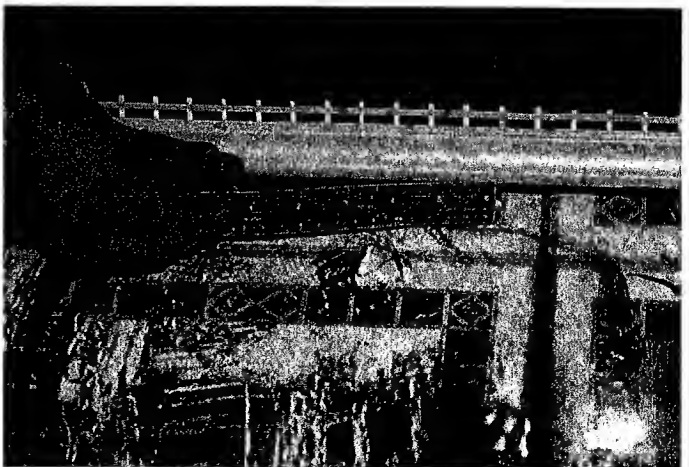
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2018\_October\_Koelling-Stone\_0010.jpg



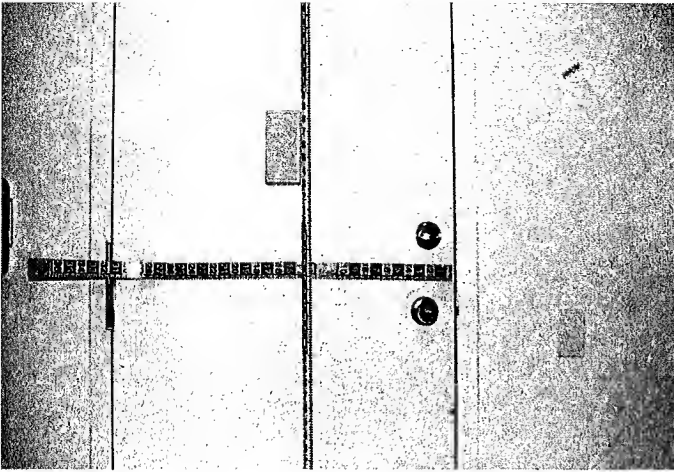
2018\_October\_Koelling-Stone\_0011.jpg



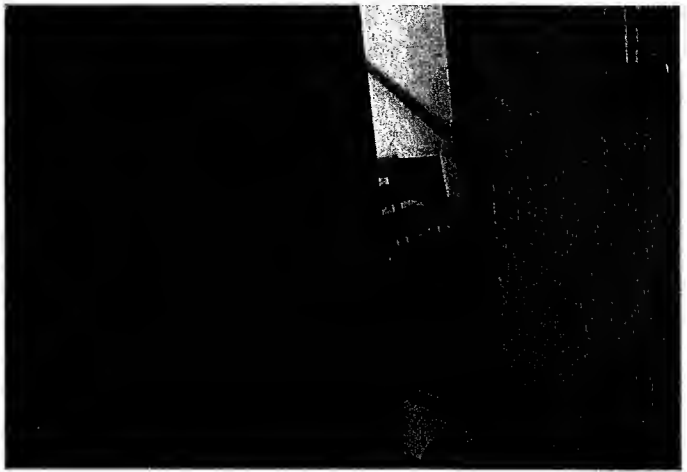
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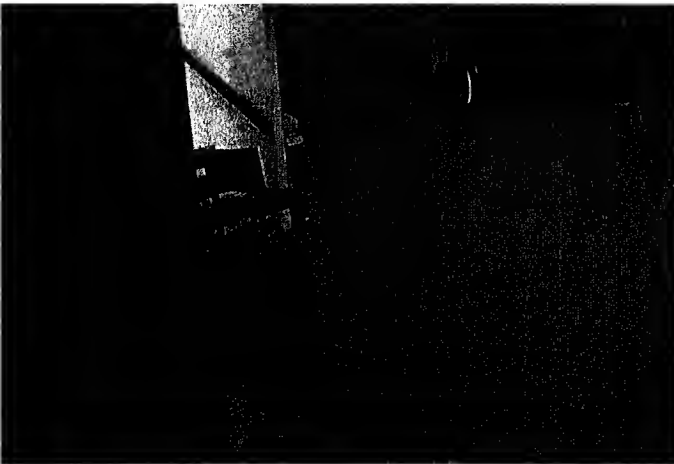
0620 Koelling 17  
Deerfield PD Film Prints - Individual Prints



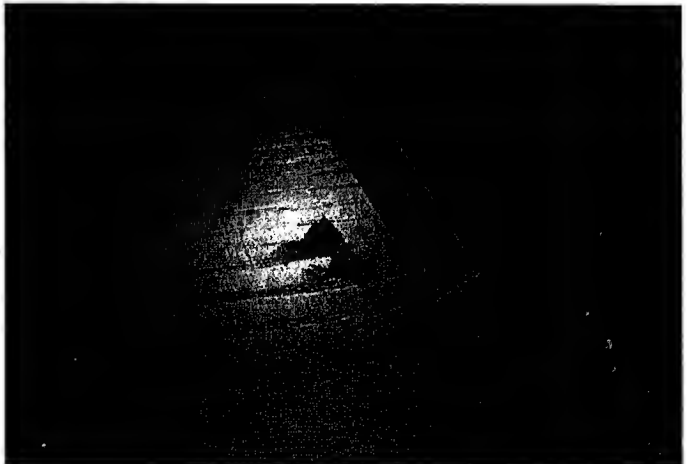
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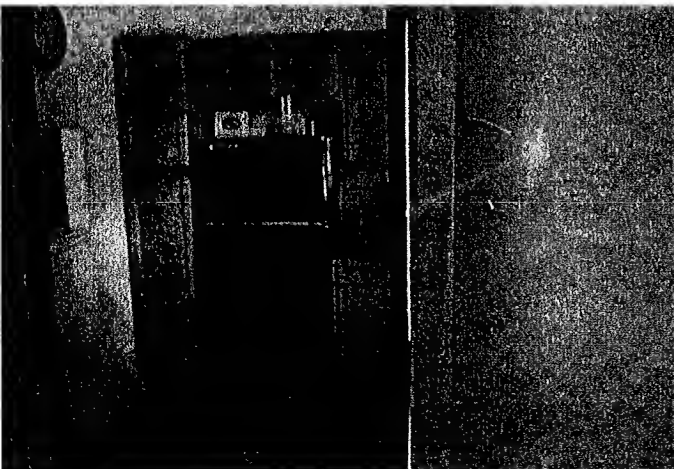
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2018\_October\_Koelling-Stone\_0015.jpg



2018\_October\_Koelling-Stone\_0016.jpg



2018\_October\_Koelling-Stone\_0017.jpg



2018\_October\_Koelling-Stone\_0018.jpg

0620 Koelling 17  
Deerfield PD Film Prints - Individual Prints



2018\_October\_Koelling-Stone\_0019.jpg



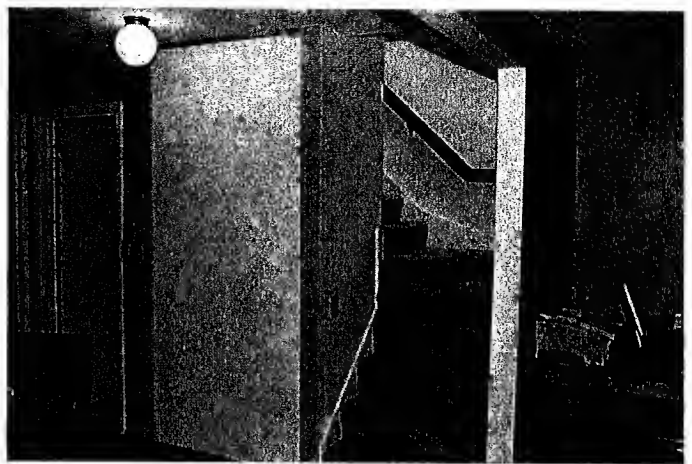
2018\_October\_Koelling-Stone\_0020.jpg



0620 Koelling 17  
Deerfield PD Film Prints - Roll 01



2018\_October\_Koelling-Stone\_Roll01\_0001.jpg



2018\_October\_Koelling-Stone\_Roll01\_0002.jpg



2018\_October\_Koelling-Stone\_Roll01\_0003.jpg



2018\_October\_Koelling-Stone\_Roll01\_0004.jpg

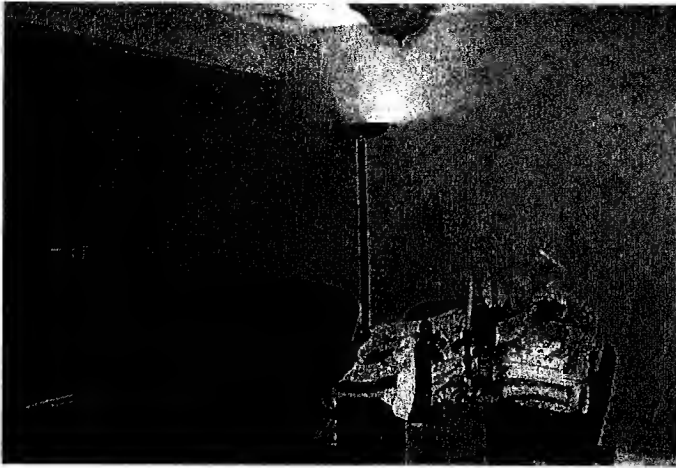


2018\_October\_Koelling-Stone\_Roll01\_0005.jpg



2018\_October\_Koelling-Stone\_Roll01\_0006.jpg

0620 Koelling 17  
Deerfield PD Film Prints - Roll 01



2018\_October\_Koelling-Stone\_Roll01\_0007.jpg



2018\_October\_Koelling-Stone\_Roll01\_0008.jpg



2018\_October\_Koelling-Stone\_Roll01\_0009.jpg



2018\_October\_Koelling-Stone\_Roll01\_0010.jpg



2018\_October\_Koelling-Stone\_Roll01\_0011.jpg



2018\_October\_Koelling-Stone\_Roll01\_0012.jpg

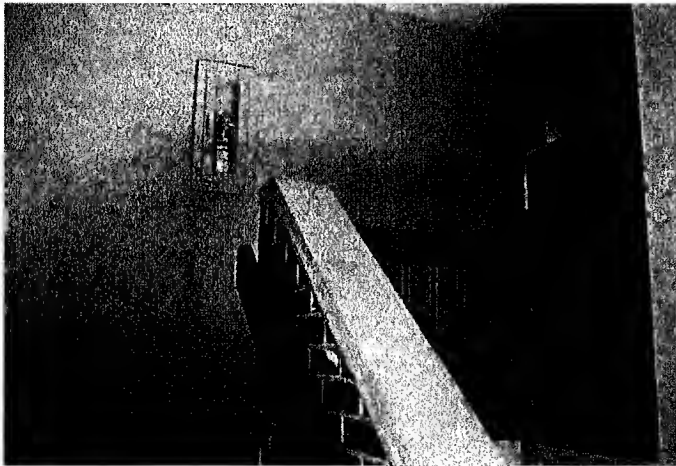
0620 Koelling 17  
Deerfield PD Film Prints - Roll 01



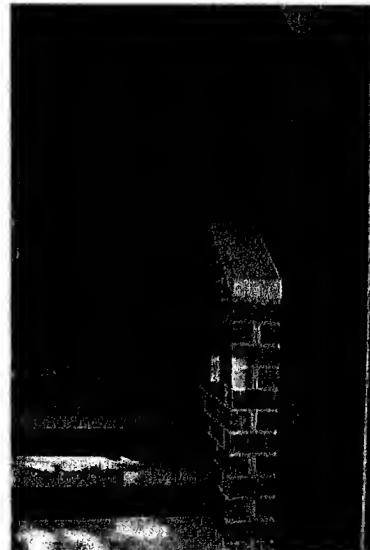
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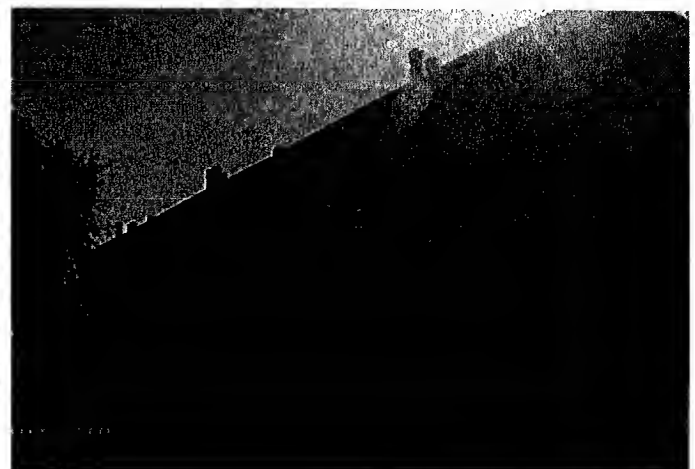
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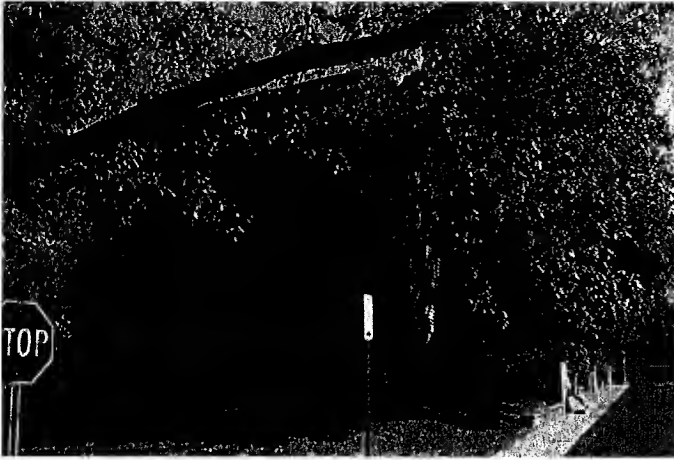


2018\_October\_Koelling-Stone\_Roll01\_0017.jpg



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0620 Koelling 17  
Deerfield PD Film Prints - Roll 01



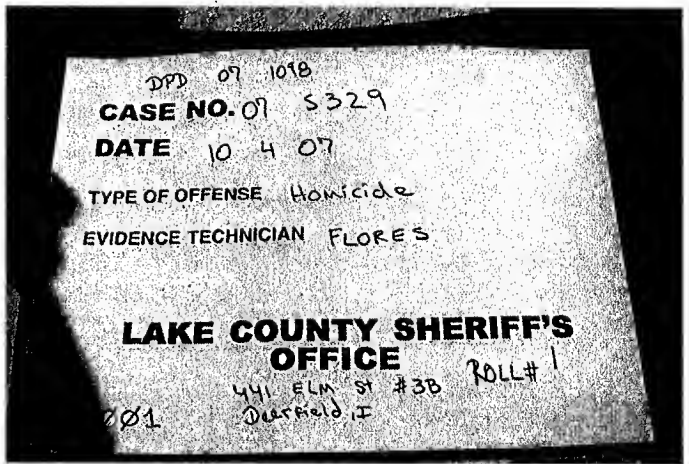
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2018\_October\_Koelling-Stone\_Roll01\_0020.jpg

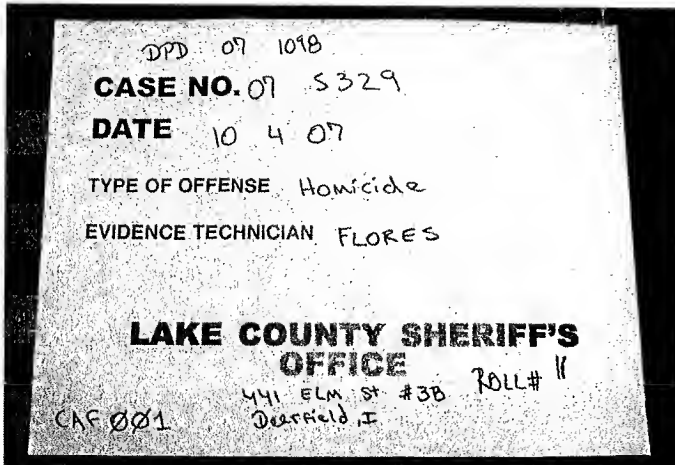


2018\_October\_Koelling-Stone\_Roll01\_0021.jpg

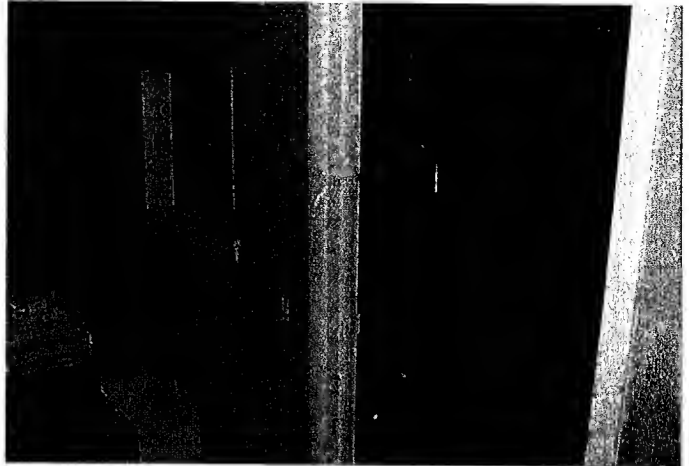


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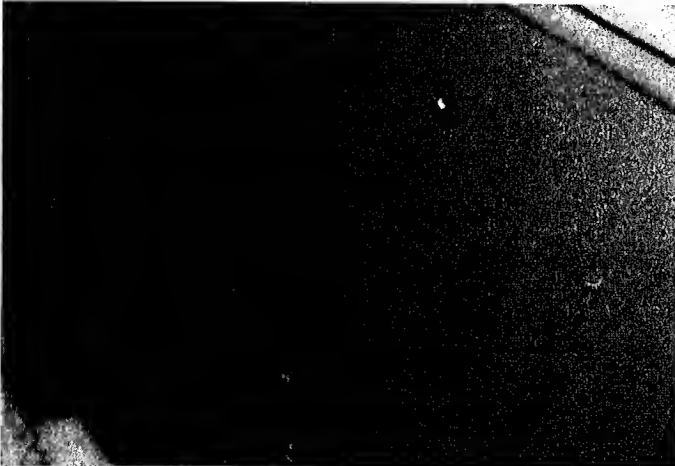
0620 Koelling 17  
Deerfield PD Film Prints - Roll 02



2018\_October\_Koelling-Stone\_Roll02\_0001.jpg



2018\_October\_Koelling-Stone\_Roll02\_0002.jpg



2018\_October\_Koelling-Stone\_Roll02\_0003.jpg



2018\_October\_Koelling-Stone\_Roll02\_0004.jpg



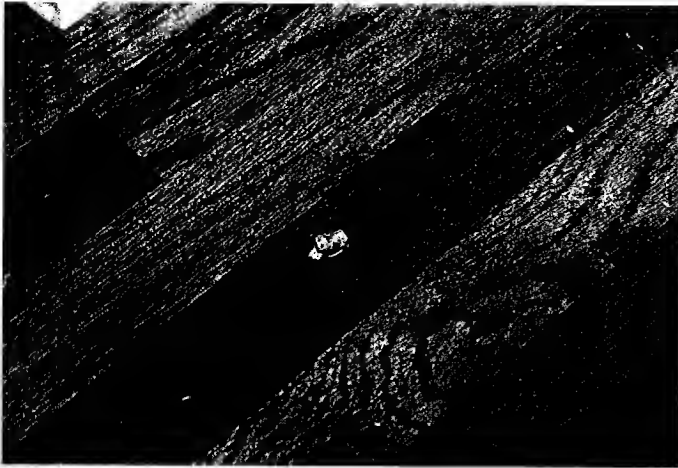
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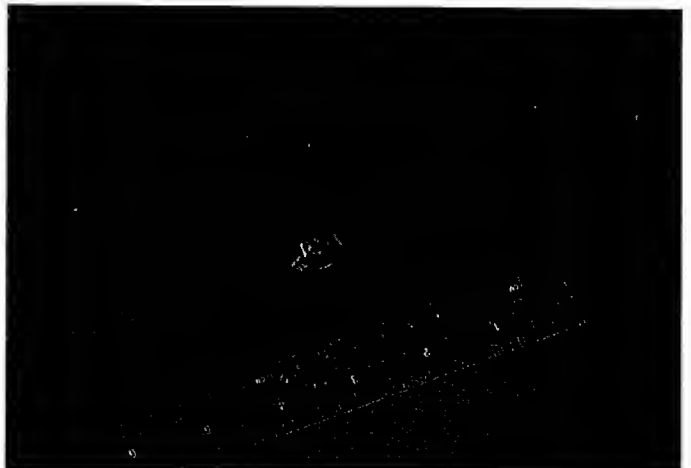
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0620 Koelling 17  
Deerfield PD Film Prints - Roll 02



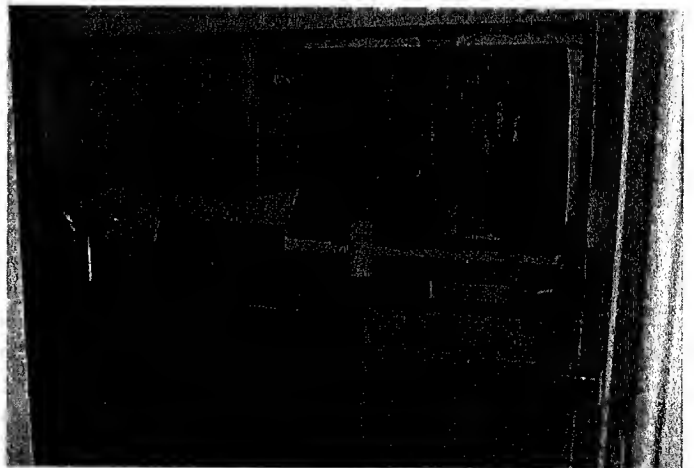
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2018\_October\_Koelling-Stone\_Roll02\_0008.jpg



2018\_October\_Koelling-Stone\_Roll02\_0009.jpg



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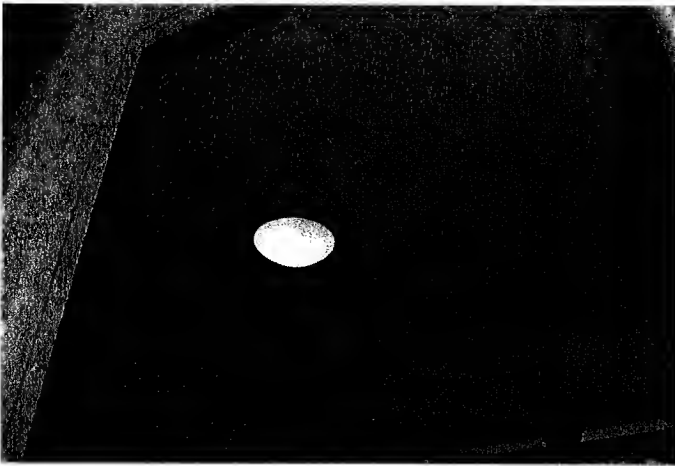


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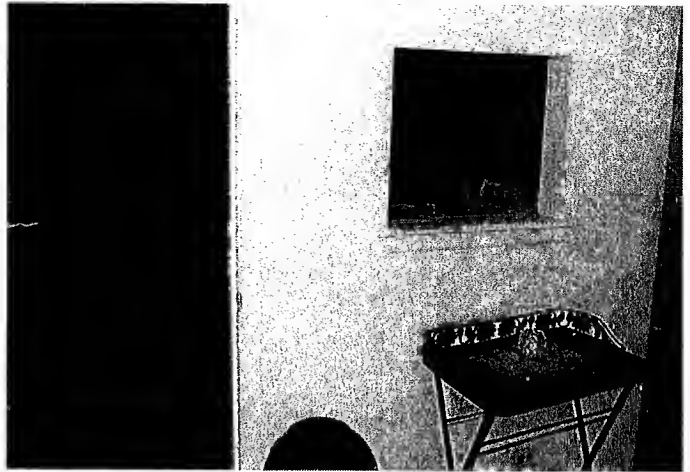


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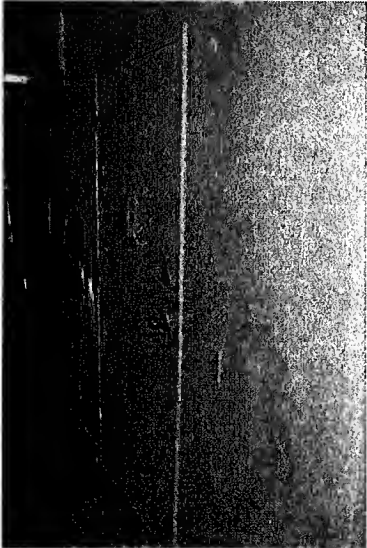
0620 Koelling 17  
Deerfield PD Film Prints - Roll 02



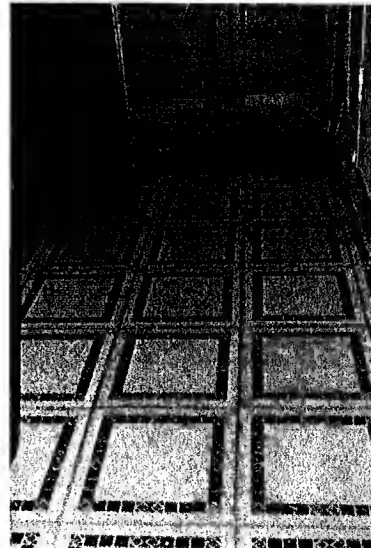
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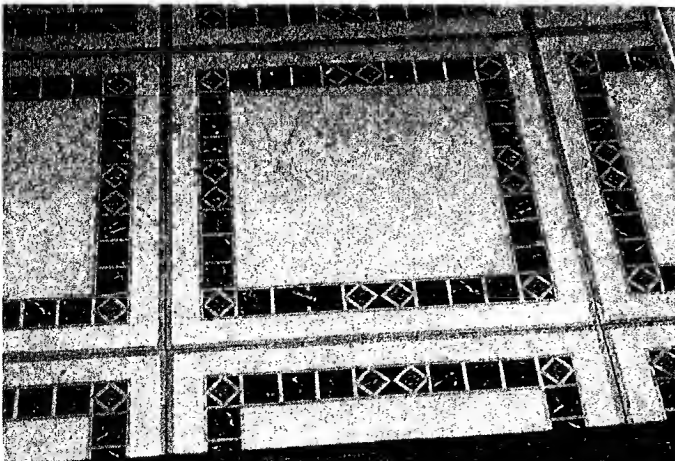
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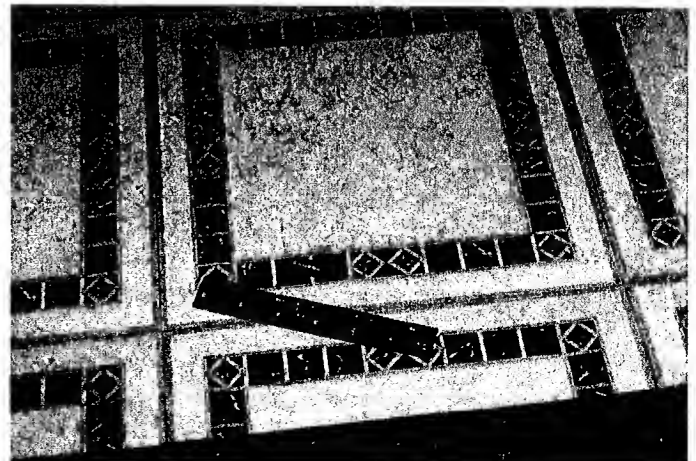
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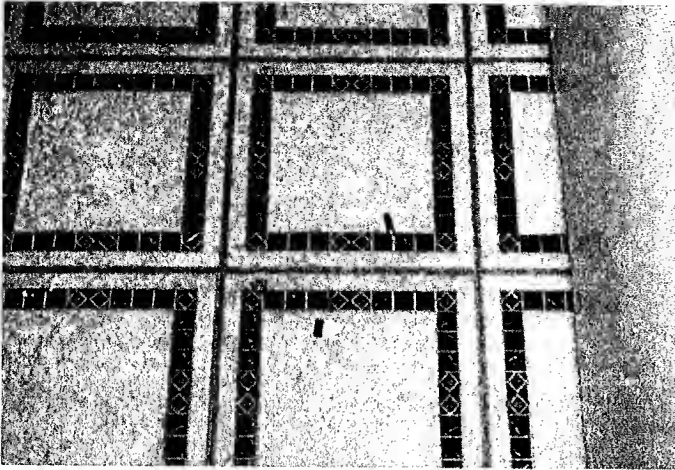


2018\_October\_Koelling-Stone\_Roll02\_0017.jpg

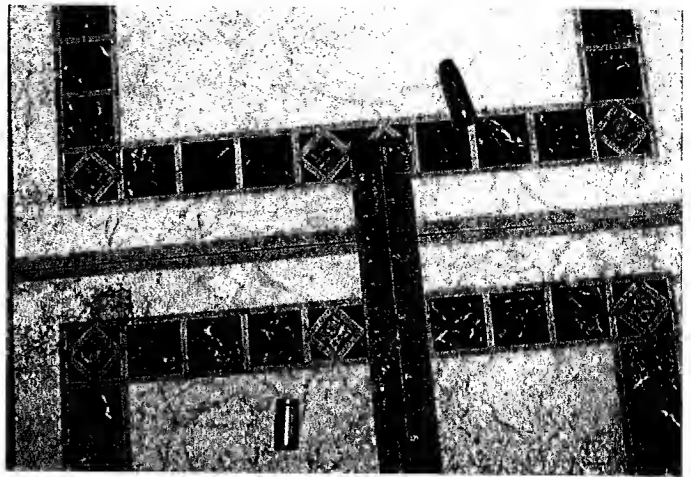


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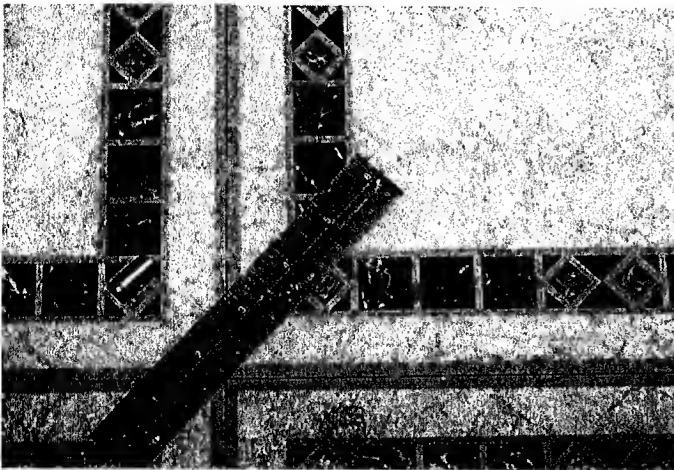
0620 Koelling 17  
Deerfield PD Film Prints - Roll 02



2018\_October\_Koelling-Stone\_Roll02\_0019.jpg



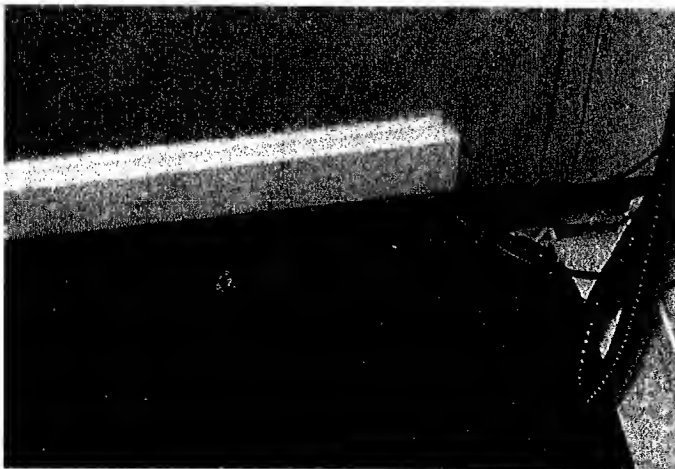
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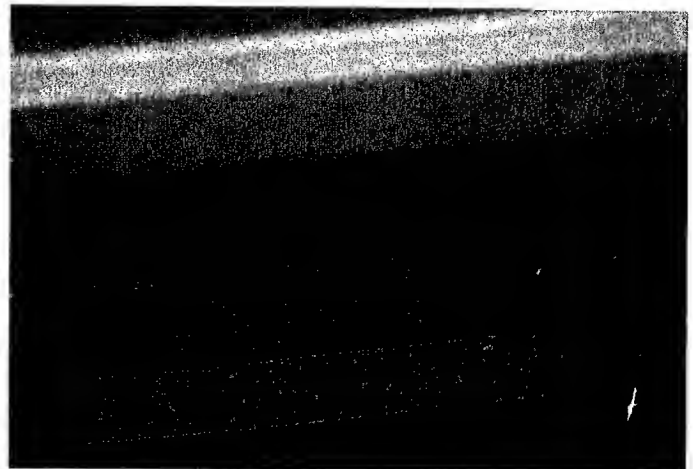
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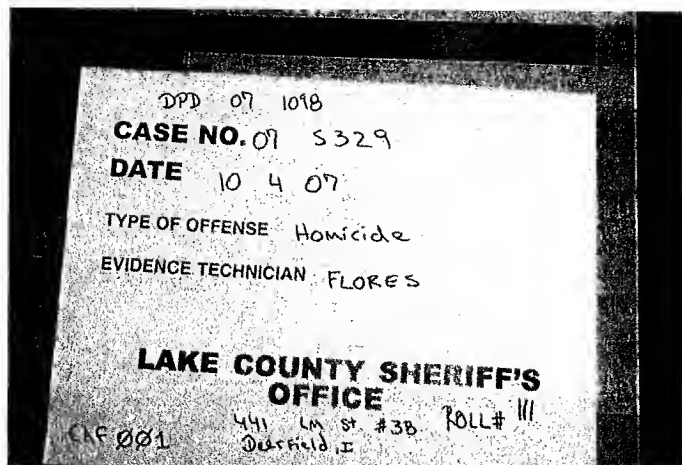
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2018\_October\_Koelling-Stone\_Roll02\_0024.jpg



0620 Koelling 17  
Deerfield PD Film Prints - Roll 03



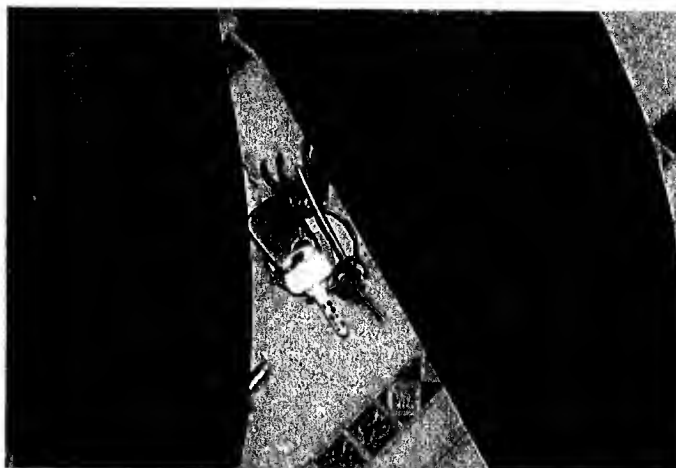
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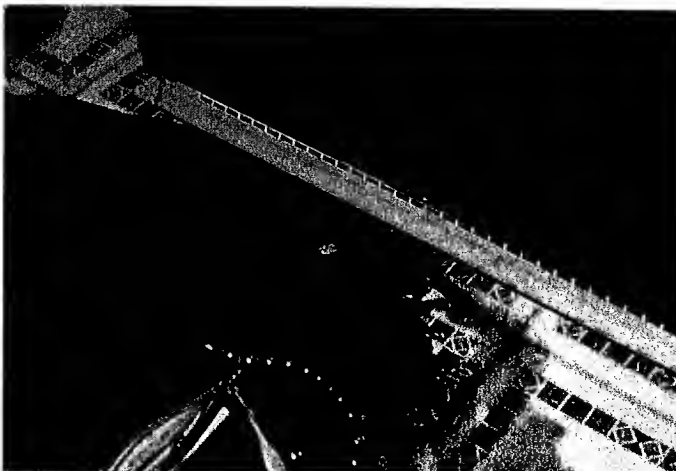
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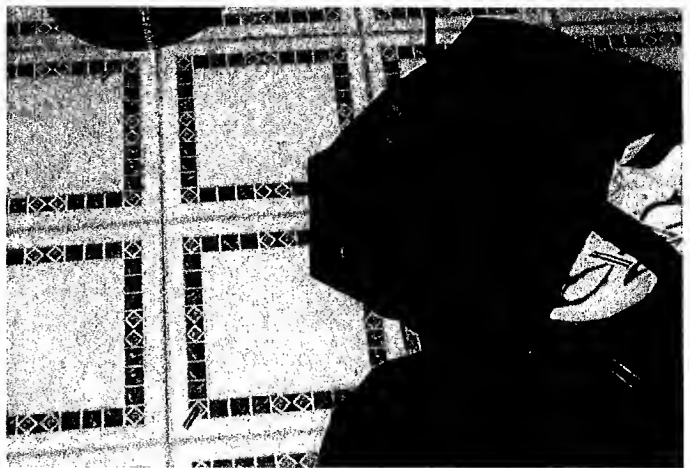


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0620 Koelling 17  
Deerfield PD Film Prints - Roll 03



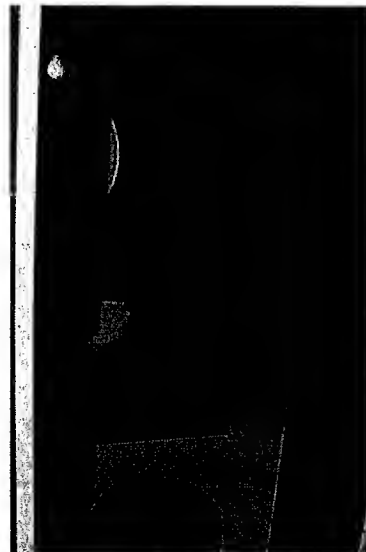
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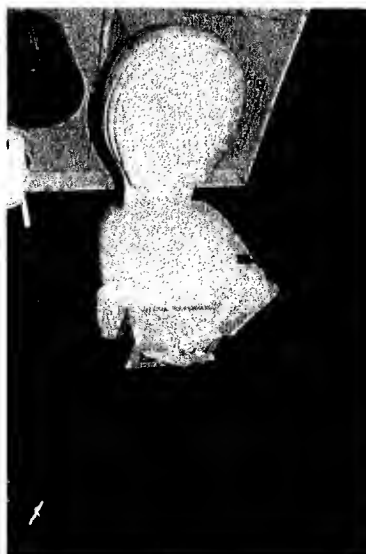
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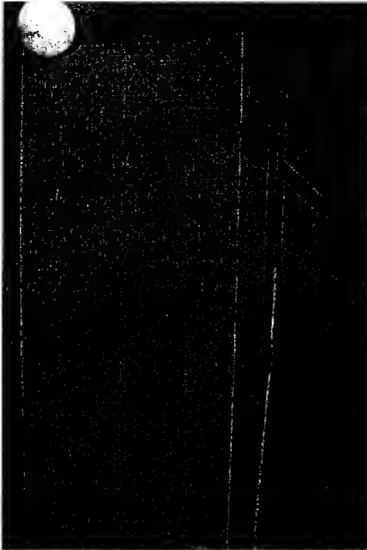


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2018\_October\_Koelling-Stone\_Roll03\_0012.jpg

0620 Koelling 17  
Deerfield PD Film Prints - Roll 03



2018\_October\_Koelling-Stone\_Roll03\_0013.jpg



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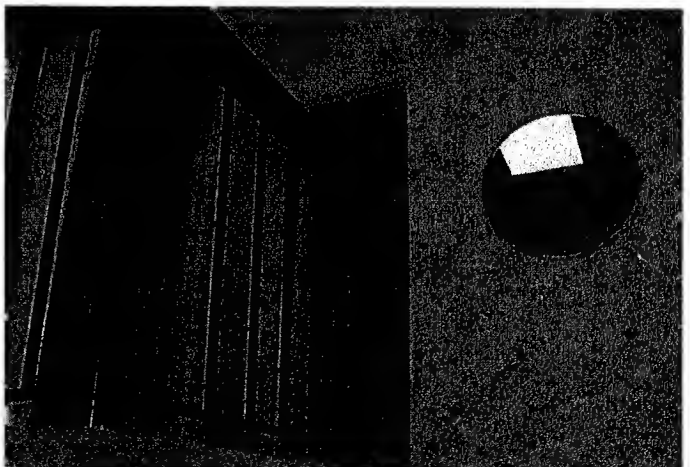
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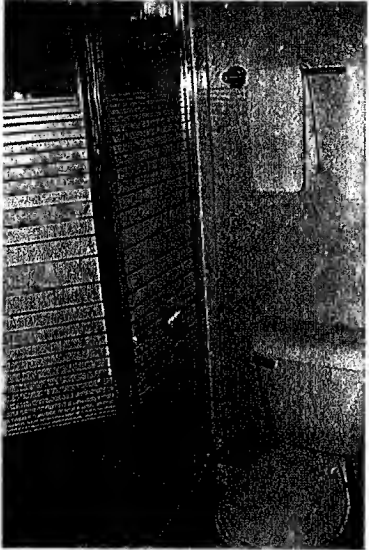
0620 Koelling 17  
Deerfield PD Film Prints - Roll 03



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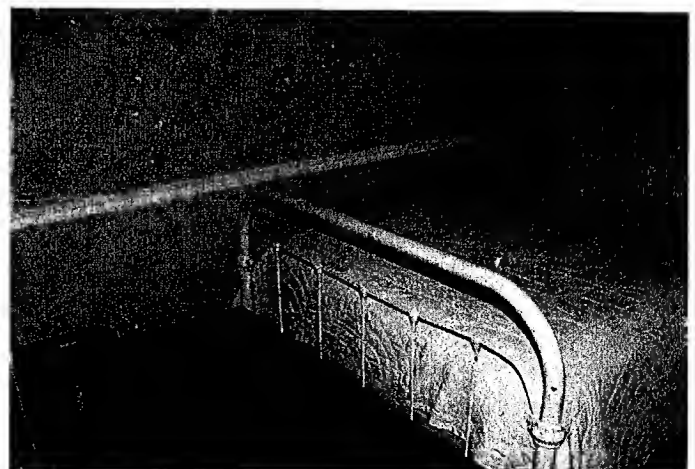
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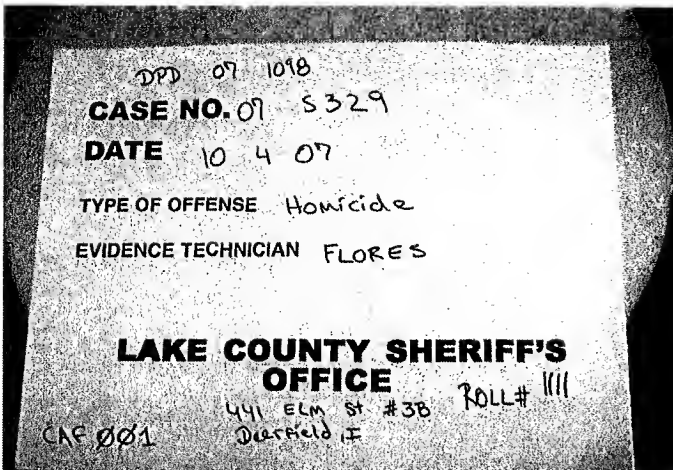


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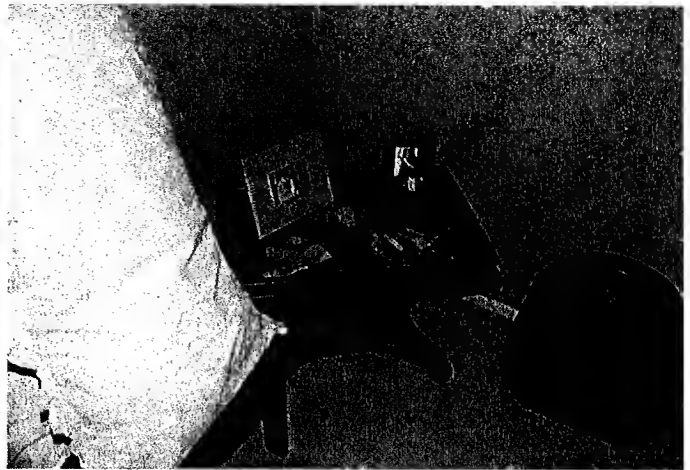


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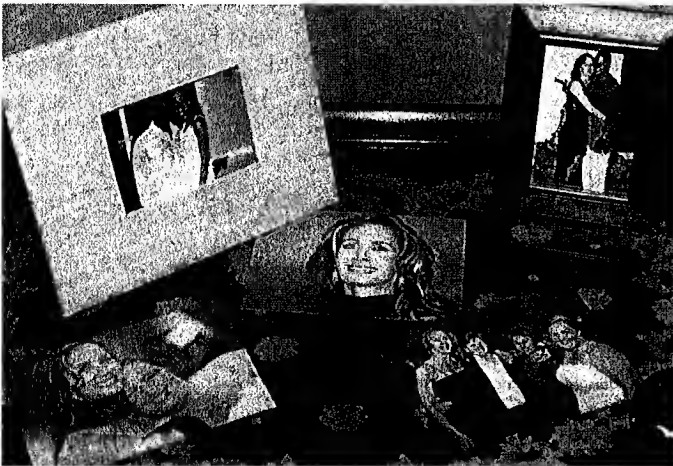
0620 Koelling 17  
Deerfield PD Film Prints - Roll 04



2018\_October\_Koelling-Stone\_Roll04\_0001.jpg



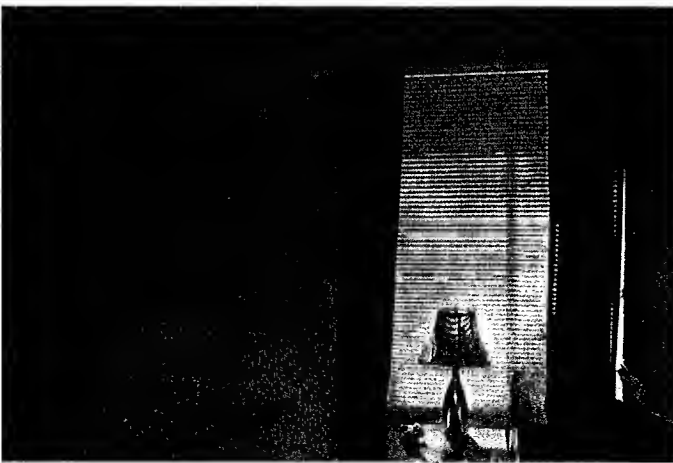
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2018\_October\_Koelling-Stone\_Roll04\_0004.jpg



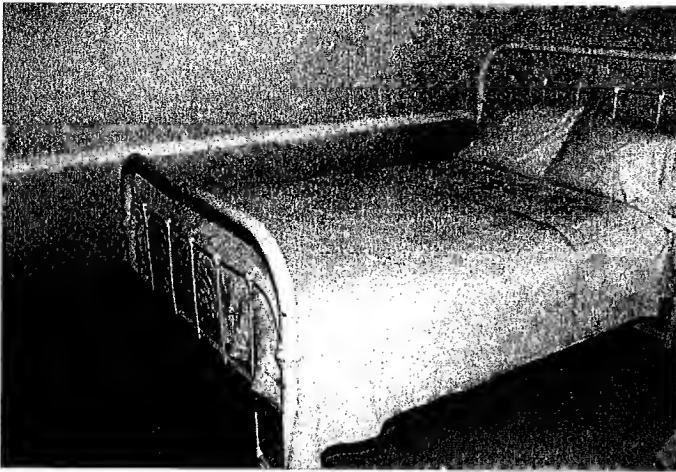
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2018\_October\_Koelling-Stone\_Roll04\_0006.jpg



0620 Koelling 17  
Deerfield PD Film Prints - Roll 04



2018\_October\_Koelling-Stone\_Roll04\_0007.jpg



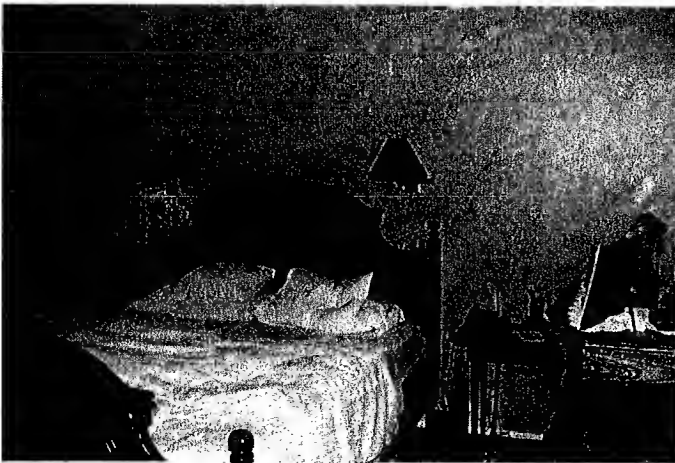
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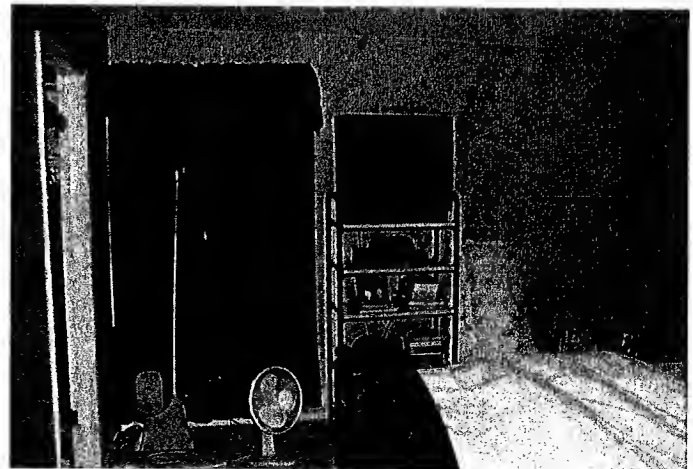
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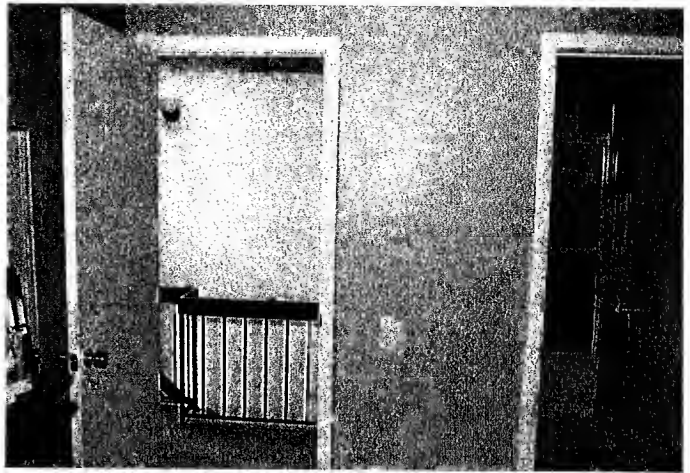


2018\_October\_Koelling-Stone\_Roll04\_0012.jpg

0620 Koelling 17  
Deerfield PD Film Prints - Roll 04



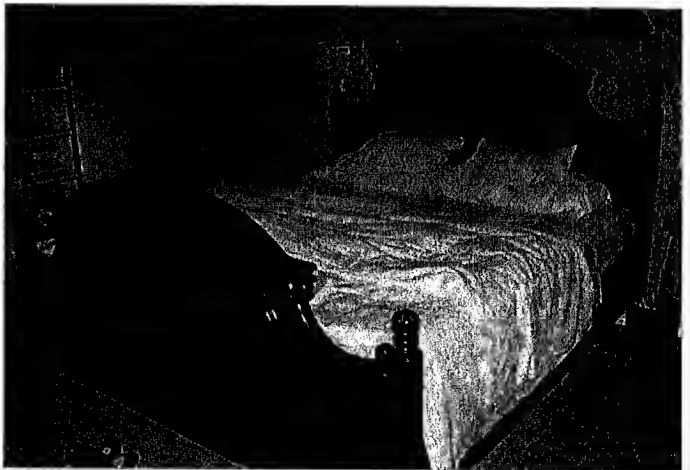
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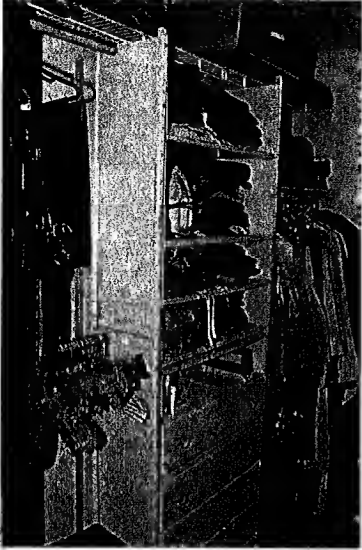


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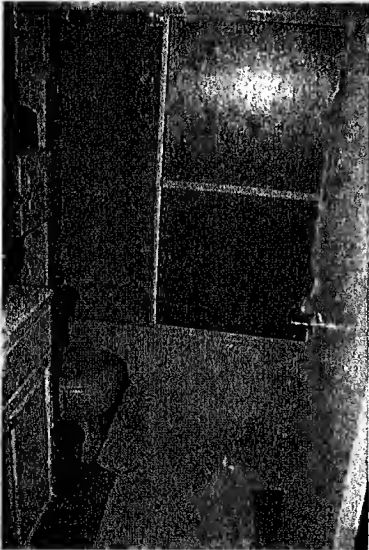
0620 Koelling 17  
Deerfield PD Film Prints - Roll 04



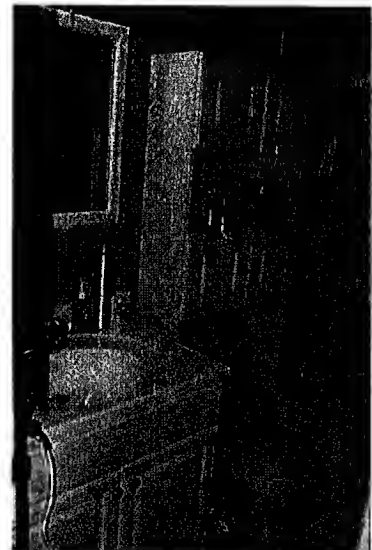
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2018\_October\_Koelling-Stone\_Roll04\_0020.jpg



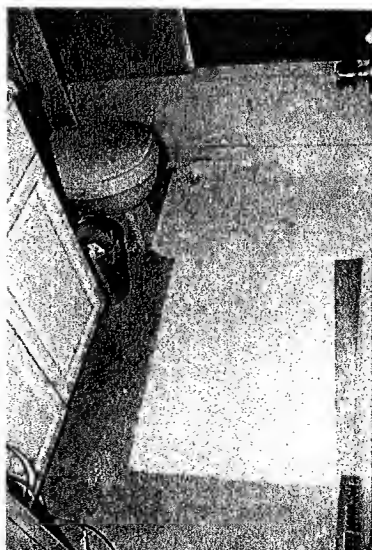
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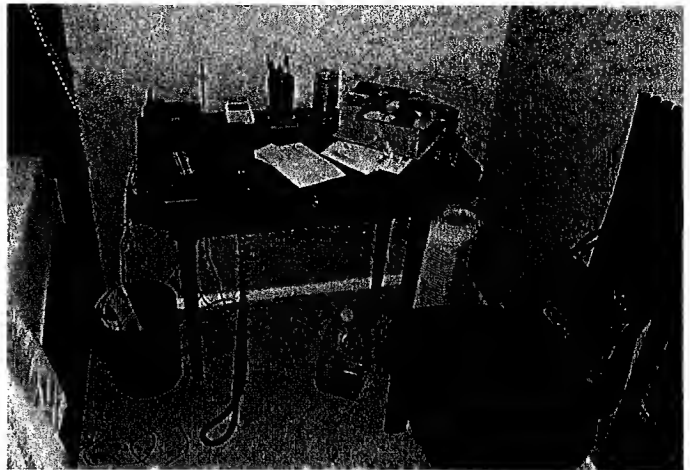
2018\_October\_Koelling-Stone\_Roll04\_0024.jpg



0620 Koelling 17  
Deerfield PD Film Prints - Roll 05

DPD 07 1018  
**CASE NO.** 07 5329  
**DATE** 10 4 07  
**TYPE OF OFFENSE** Homicide  
**EVIDENCE TECHNICIAN** FLORES  
  
**LAKE COUNTY SHERIFF'S  
OFFICE**  
CAF 001 441 ELM ST #3B ROLL# III  
Deerfield IL

2018\_October\_Koelling-Stone\_Roll05\_0001.jpg



2018\_October\_Koelling-Stone\_Roll05\_0002.jpg

Two documents are visible. The top one is a "Your Statement" form with a header that reads "Your Statement" and "RECEIVED BY: JESSICA PERERA". The bottom document is a "CONTINUOUS DISCOVERY" form with a header that reads "CONTINUOUS DISCOVERY" and "RECEIVED BY: JESSICA PERERA".

2018\_October\_Koelling-Stone\_Roll05\_0003.jpg



2018\_October\_Koelling-Stone\_Roll05\_0004.jpg



2018\_October\_Koelling-Stone\_Roll05\_0005.jpg

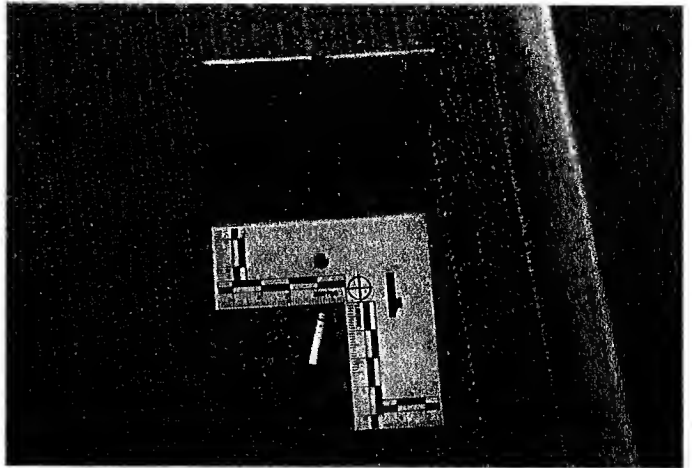


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0620 Koelling 17  
Deerfield PD Film Prints - Roll 05



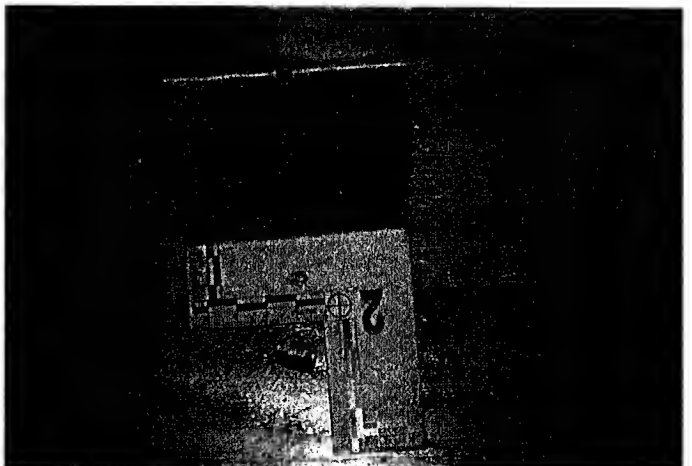
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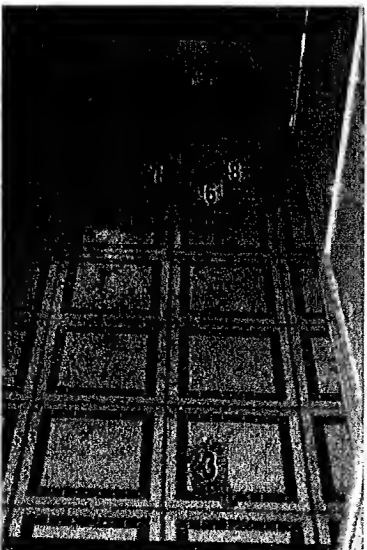
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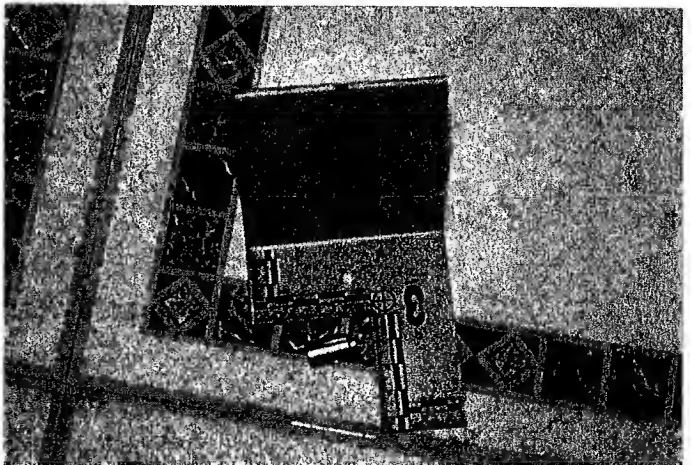
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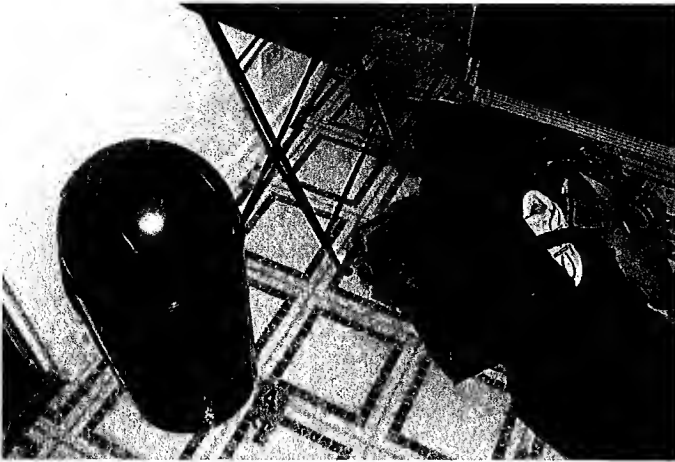


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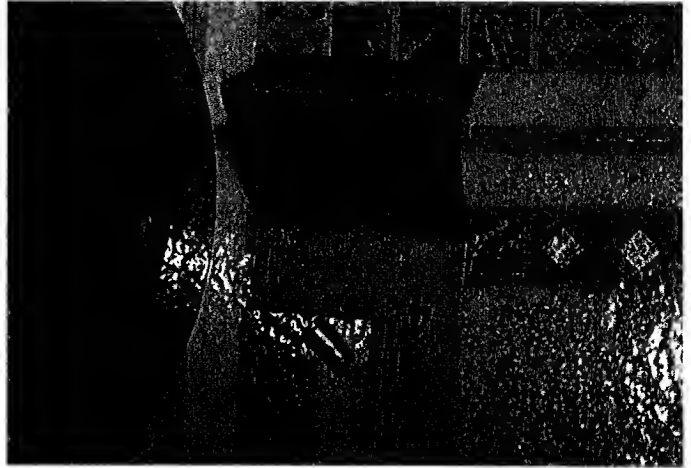


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0620 Koelling 17  
Deerfield PD Film Prints - Roll 05



2018\_October\_Koelling-Stone\_Roll05\_0013.jpg



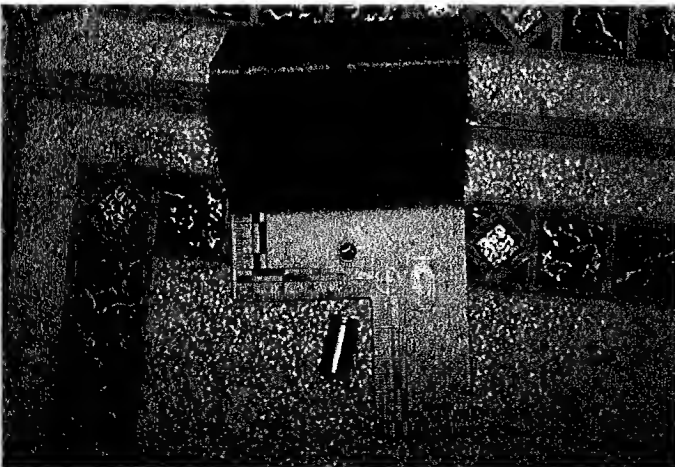
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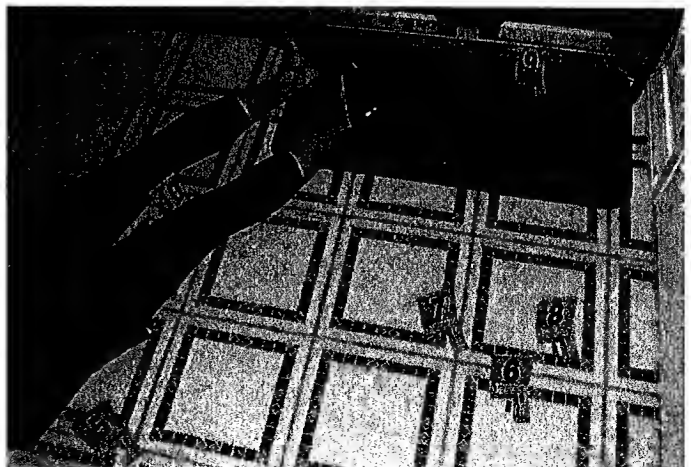
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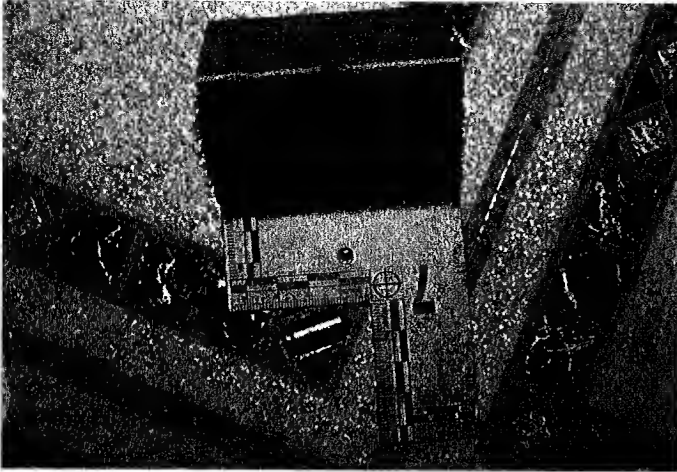


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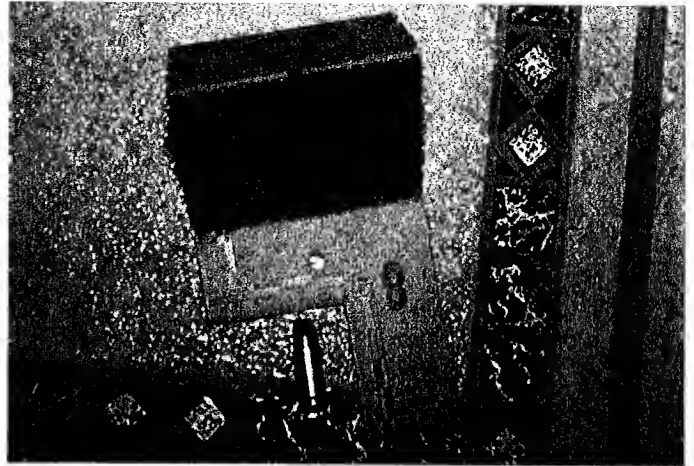


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0620 Koelling 17  
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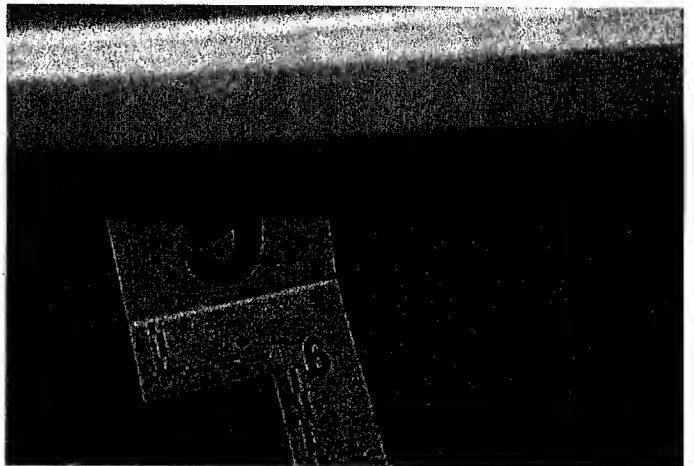
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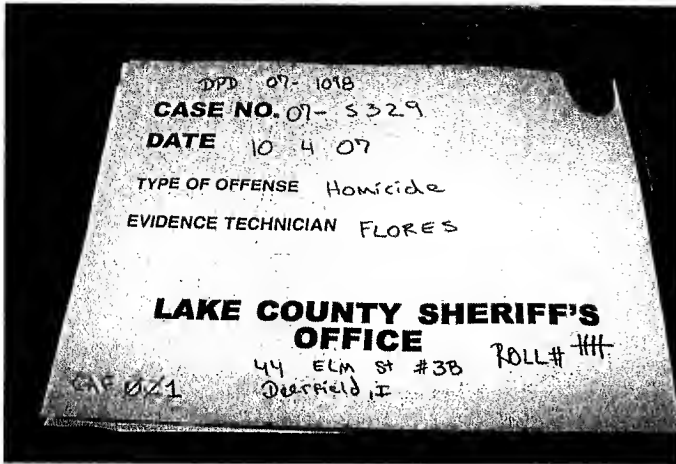
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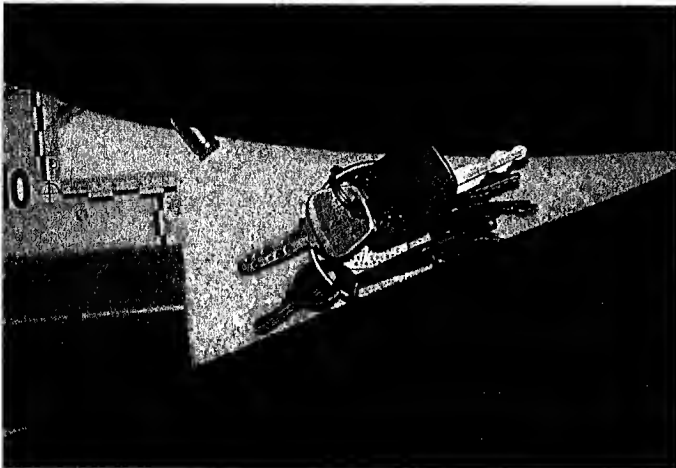
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2018\_October\_Koelling-Stone\_Roll06\_0002.jpg



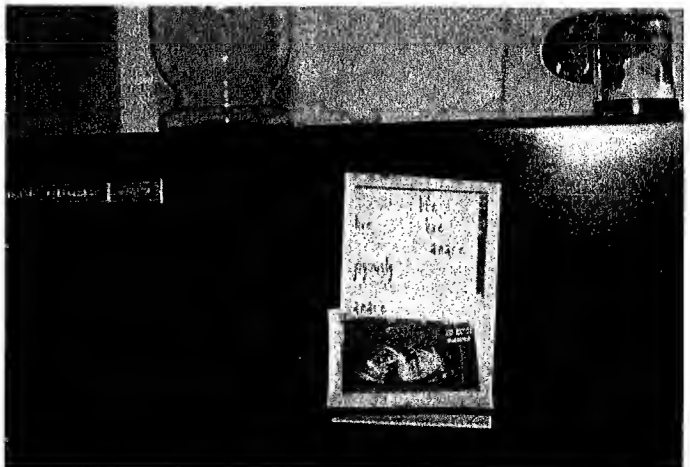
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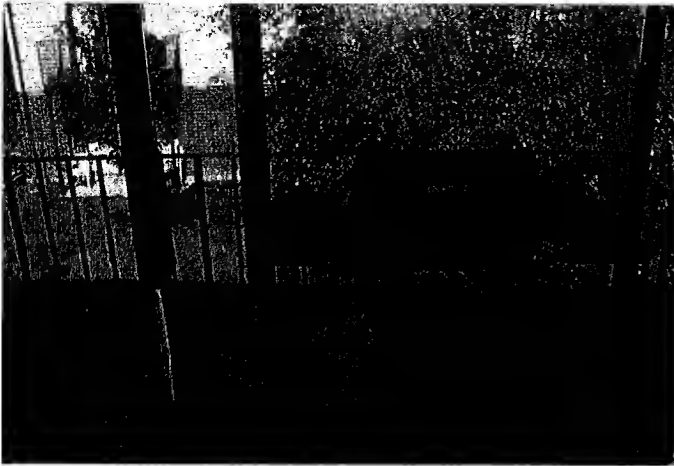


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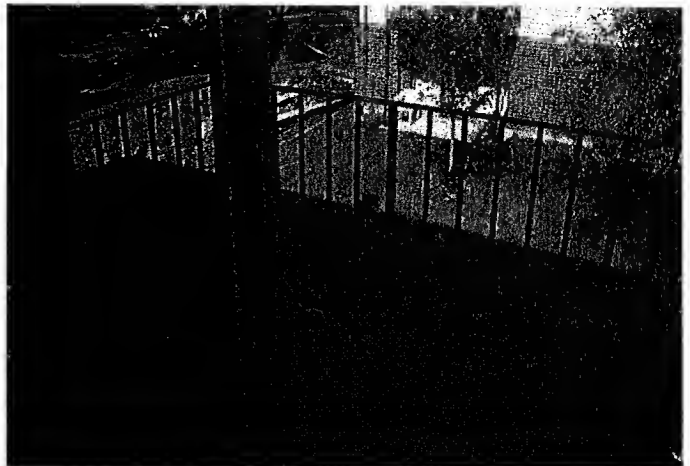


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Deerfield PD Film Prints - Roll 06



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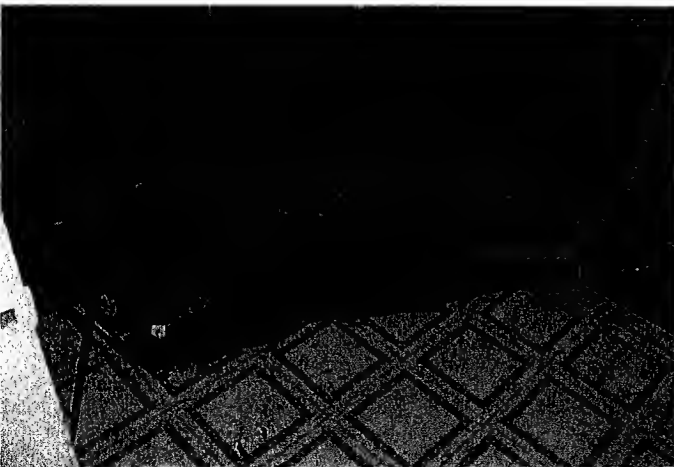
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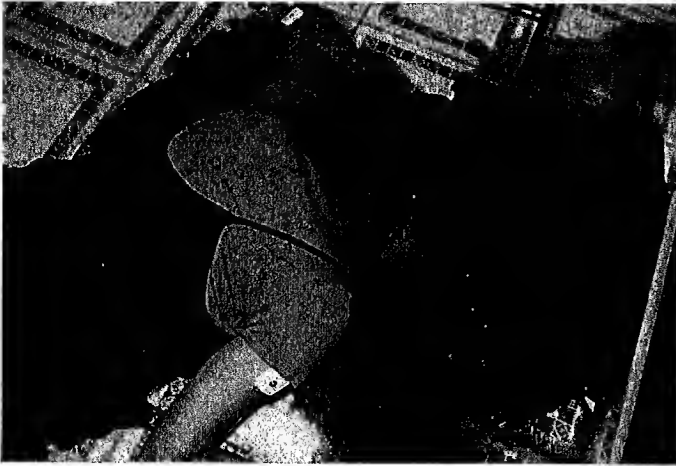


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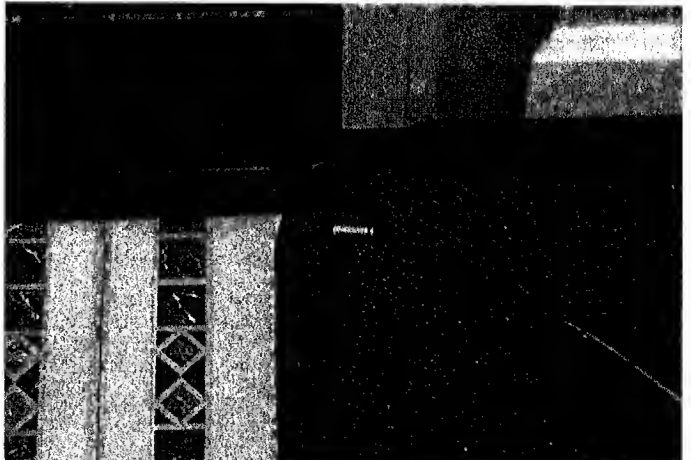
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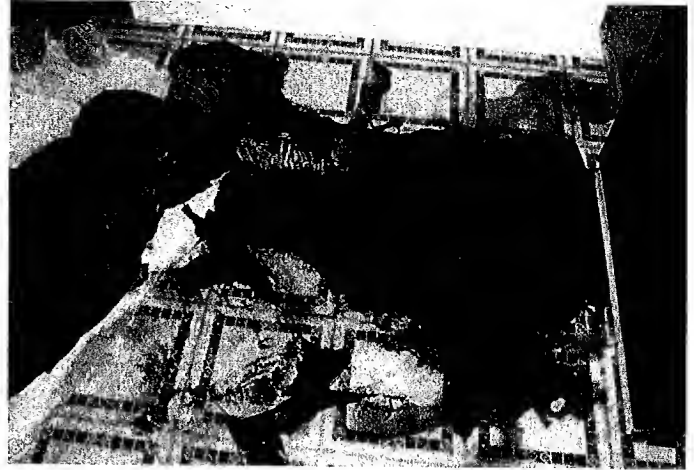


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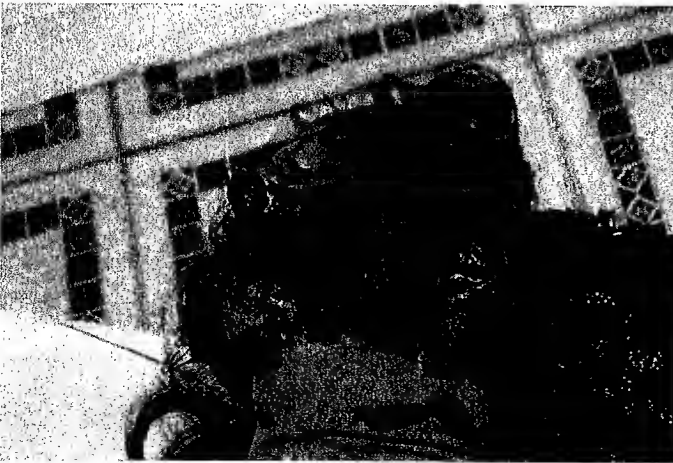
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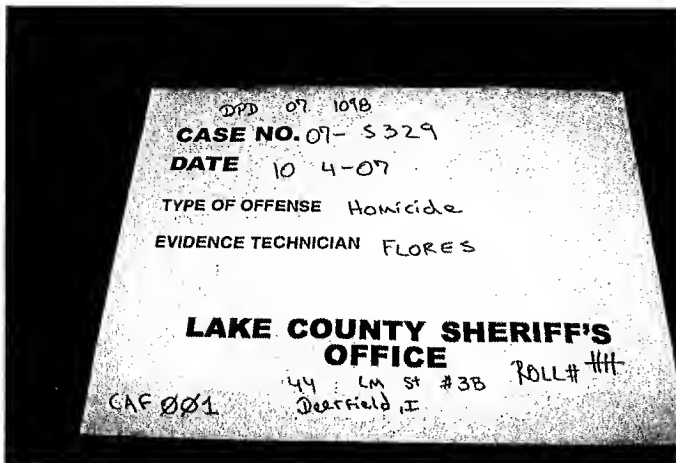
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0620 Koelling 17  
Deerfield PD Film Prints - Roll 07



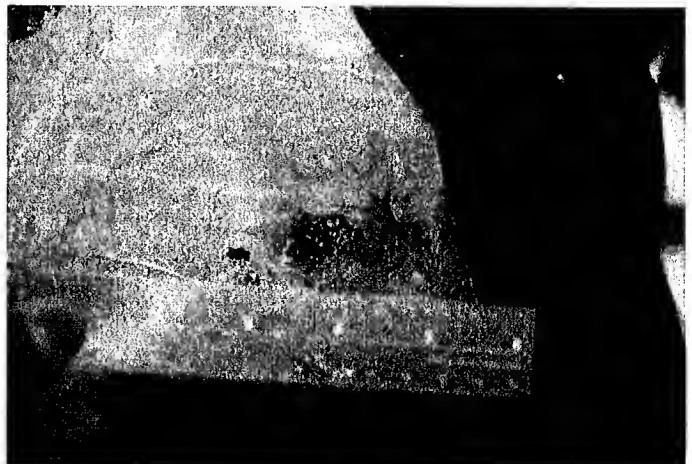
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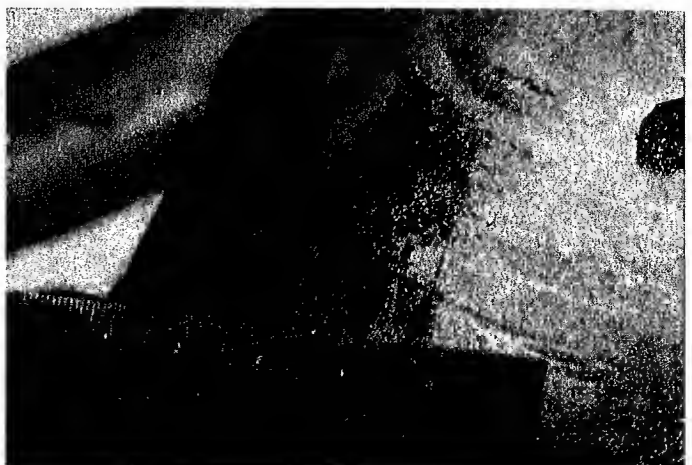
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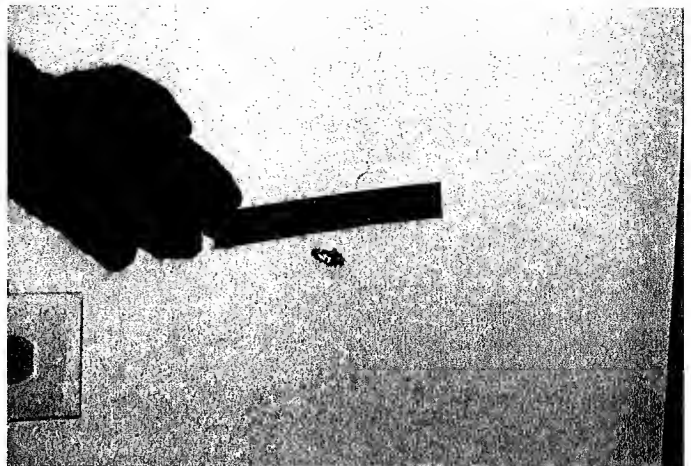


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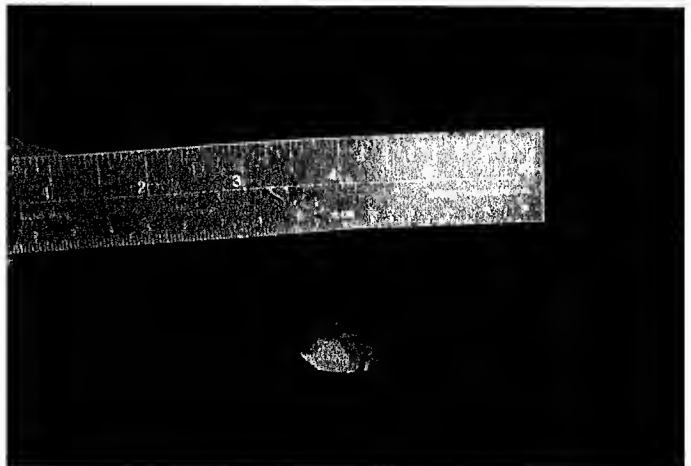
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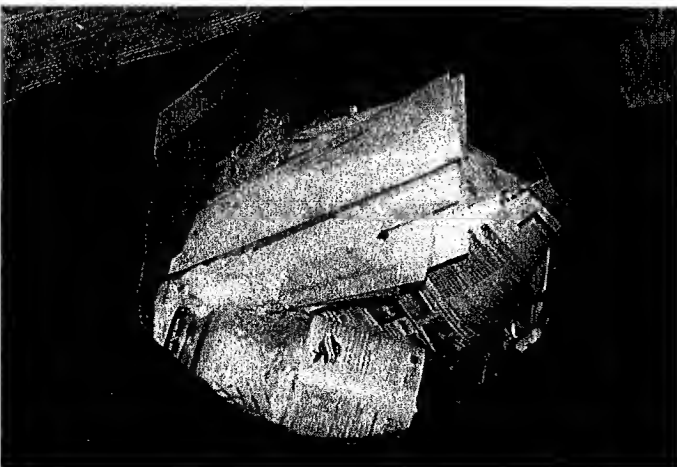
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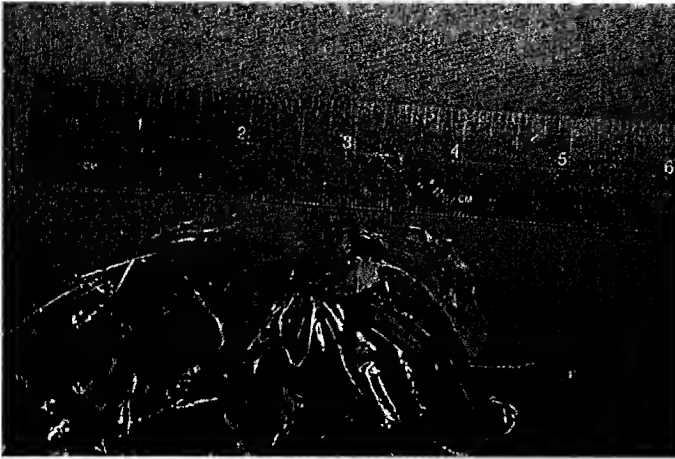


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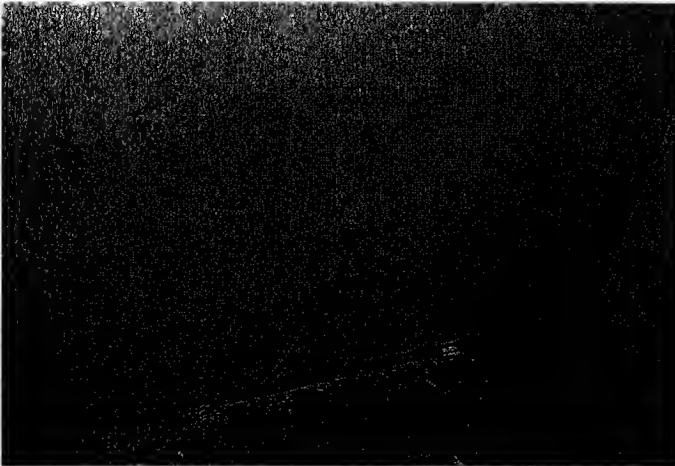
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2018\_October\_Koelling-Stone\_Roll07\_0013.jpg



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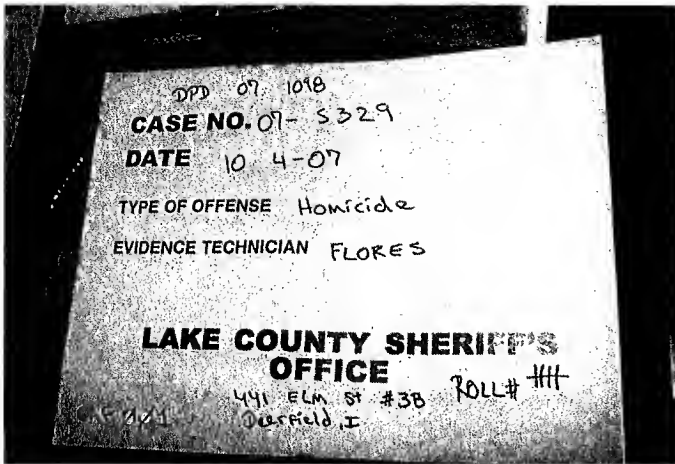


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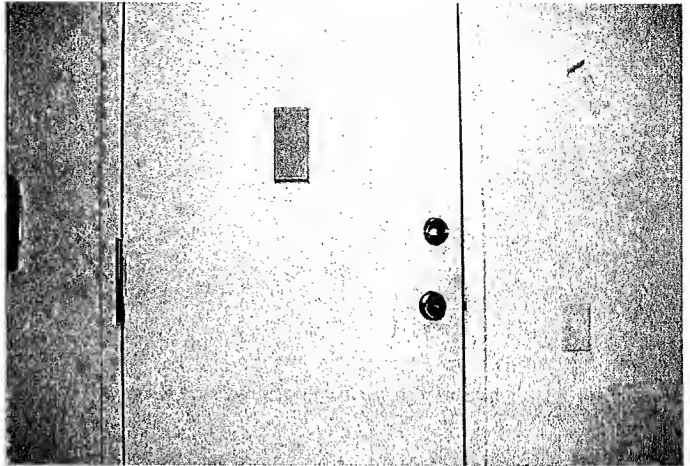


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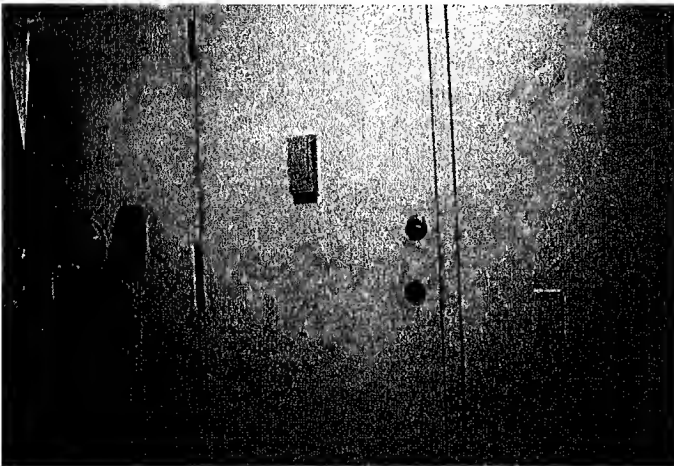
0620 Koelling 17  
Deerfield PD Film Prints - Roll 08



2018\_October\_Koelling-Stone\_Roll08\_0001.jpg



2018\_October\_Koelling-Stone\_Roll08\_0002.jpg



2018\_October\_Koelling-Stone\_Roll08\_0003.jpg



2018\_October\_Koelling-Stone\_Roll08\_0004.jpg



2018\_October\_Koelling-Stone\_Roll08\_0005.jpg



2018\_October\_Koelling-Stone\_Roll08\_0006.jpg

0620 Koelling 17  
Deerfield PD Film Prints - Roll 08



2018\_October\_Koelling-Stone\_Roll08\_0007.jpg



2018\_October\_Koelling-Stone\_Roll08\_0008.jpg



2018\_October\_Koelling-Stone\_Roll08\_0009.jpg

**EXPERT REPORT**

**June 12, 2019**

***Pertaining to the October 4, 2007 Shooting Incident of Ms. Rhoni Reuter at the  
441 Elm Street, Apartment 3B, Deerfield, Illinois in Lake County***

***In the Case of People of Illinois v. Marni Yang, 09 CF 926***

**By**

**John Louis Larsen  
FBI SA Retired**

**Larsen Forensics & Associates, Inc.**

**208 N. Park Boulevard**

**Glen Ellyn, Illinois 60137**

Blumberg No. 5114

**DEFENDANT'S  
EXHIBIT**

**44**

## Table of Contents

Forward: Expert Witness Disclosures.....	1
Report.....	4
Administrative note to the Reader.....	4
Section 1: Items Examined.....	4
Section 2: General Background & Shooting Incident.....	7
Lake County Major Crime Task Force Photo Montage.....	7
Scene Diagram - Lake County Major Crime Task.....	8
LFA Photo Plate 1 – Mannequin on gridded tarp.....	9
Section 3: Pistol & Ammunition.....	9
Section 4: First Gunshot & Shooter & Victim's Positions.....	9
LFA Photo Montage Plate 2 – Cartridge in Hallway.....	10
LFA Photo Montage Plate 3, Gunshot Wound B (First Shot).....	11
LFA Photo Montage Plate 4: Placement of Protrusion Rod in Mannequin.....	13
LFA Photo Montage Plate 5 – Dual Laser Experiment with Mannequin.....	13
LFA Photo Plate 6 – The Sine of Bullet Hole 1 / Gunshot Wound B.....	13
LFA Photo Plate 7 – M.E. Protrusion Rod through Gunshot Wound B.....	14
LFA Photo Montage Plate 8 – Laser Mannequin Study M.E. Gunshot Wound B.....	14
LFA Photo Plate 9 – M.E. Photo of Gunshot Wound B .....	15
LFA Photo Plate 10 (with text) Muzzle Gas Tares.....	16
LFA Photo Plate 11 – M.E. Photo with Protrusion Rod.....	16
LFA Photo Plate 12 – IR Photo of GSR Tan Turtleneck.....	17
LFA Photo Montage Plate 13 – Microscopic Images of Damaged Fibers.....	18



Section 5: Gunshot Sequence.....	18
LFA Photo Montage Plate 14 – 1 <sup>st</sup> Gunshot .....	19
LFA Photo Montage Plate 15 – 2 <sup>nd</sup> Gunshot .....	19
LFA Photo Plate 16 – 3 <sup>rd</sup> Gunshot .....	20
LFA Photo Montage Plate 17 – 4 <sup>th</sup> Gunshot .....	20
LFA Photo Plate 18 – 5 <sup>th</sup> Gunshot .....	21
Section 6: Conclusion.....	21
Appendix.....	23

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**FORWARD: EXPERT DISCLOSURES**

The following Curriculum Vitae material is tendered at the outset of this report.

**QUALIFICATION OF WITNESS**

I, John Louis Larsen, am a specialist in forensics investigation pertaining to crime and shooting incident scene reconstruction. As a crime and shooting incident scene reconstructionist, I examine and evaluate evidence such as bullet holes, spent shell casings, bloodstain evidence, hair and fiber, and footwear impression evidence, as well as investigative case reports and medical examiner's reports to assist in the reconstruction of a scene. Inspection of physical evidence and original case notes and rough sketches and diagrams are an essential part of the reconstruction process since they provide foundational information more closely related to the incident and provide an insight into the investigators and crime scene technicians understanding of the scene. These measurements and diagrams and hands-on inspection of evidentiary exhibits can assist in making determinations of bullet trajectories range of fire and shooter and victim positions and locations. I have investigated thirty-two shooting scenes since my retirement from the FBI; (See case list in Appendix A).

Forensic examination involves correlation and analysis of the information reviewed and developed in the previous paragraph in order to determine how an incident occurred. In this case we correlated and analyzed the information in order to determine (1) the positions of the shooters and the shooting victim at various times during the incident; (2) the sequence in which shots were fired; and (3) how shots affected the victim's movement. Generally, special experience and training is required to perform such analysis and correlation and to make such determinations. I have extensive training and experience in such matters.

A copy of my curriculum vitae is attached as part of Appendix A. I am a graduate of the Federal Bureau of Investigation (FBI) Academy. On January 19, 1981 I was sworn in as a Special Agent (SA). I was one of the founders of the FBI Evidence Response Team (ERT) Program. In coordination with members of the FBI Laboratory and other SAs associated with the development of the ERT Program, I assisted in development of the current twelve step evidence recovery guidelines and the documentation utilized in the field in the processing of crime and shooting incident scenes. In my capacity as one of the developers of the ERT Program, I was tasked with training ERT Teams throughout the FBI and at the FBI Academy. As the Senior Team Leader and ERT Coordinator of the Chicago Division I was responsible for the documentation of crime scenes and shooting incident scenes.

In March of 1984, I was certified as a Police Instructor through the Instructor Development Course at the FBI Academy. (See [www.larsenforensicsinc.com](http://www.larsenforensicsinc.com) for a more detailed biographical history.) In recent years, I have been the principal forensics instructor at the Suburban Law Enforcement Academy (SLEA) at College of DuPage in Glen Ellyn, Illinois. In this capacity I have taught the Illinois Law Enforcement Standards Board 40 Hour Basic Evidence Technician Course to local law enforcement officers in Illinois and Wisconsin. I have also instructed SLEA courses in Bullet Trajectory Reconstruction (16 & 24 hr. courses), Death Investigation I (24 hr.) and Death Investigation II (40 hr. advanced body recovery and documentation course).

Authored publications in support of my qualifications are as follows:

*Prints from Skin: How Latent-Fingerprint Impressions are Recovered from Cadavers as Part of the Crime-Scene Search Process*, Evidence Technology Magazine, Volume 6, May-June 2008, pgs. 18-22.

*French Fry or Indication of Bullet Perforation?* Evidence Technology Magazine, Volume 7, Number 6, November – December 2009, pgs. 8- 9. *Shooting Incident Reconstruction within a Room*, Evidence Technology Magazine, Volume 8, Number 4, July-August 2010, pgs. 14-17.

*Crime Scene Forensic Evidence Collection Guidelines for Defense Attorneys*, The Champion Magazine, Volume 35, Number 8, October 2011, pgs. 28-35.

*The Importance of Evidence Collection Guidelines in Developing a Prosecutable Case*, The Prosecutor (A Publication of the National District Attorneys Assoc.), Volume 45, Number 3, July/August/September 2011, pgs. 29-38.

*Crime Scene Forensic Evidence Collection Guidelines for Defense Attorneys* (reprint of The Champion Magazine article of the same title), Indiana Defender, January 2012, pgs. 1, 17-21.

*Handguns: Range of Fire and Gun Powder Stippling*, Evidence Technology Magazine, Volume 11, Number 1, January-February 2013, pgs. 25-28.

Co-author of Forensic Photography for the Preservation of Evidence (lead author, Sandy Weiss) (my contribution is the chapter titled: The Photographer and Mass Disaster Incident Scene) to be published by Words Matter Publishing Fall 2019.

#### **COMPENSATION TO BE PAID FOR STUDY AND TESTIMONY**

An hourly rate for the study was established at \$300.00 per hour plus expenses. Court testimony is set at an hourly rate of \$300 per hour plus expenses (food & lodging).

#### **TESTIMONY WITHIN THE LAST FOUR YEARS**

On January 27, 2011, the writer testified as an expert in shooting incident reconstruction pertaining to a bullet hole in a windshield before the Honorable Judge Marc R. Killam's in

the case of *State of Indiana v. Daniel Paul Foster*, 53C02-1004FA-00362 (Circuit Court of Monroe County, Indiana).

On September 19, 2011, the writer testified as an expert in shooting incident reconstruction before the Honorable Judge David Akemann in the case of *People of Illinois v. Andrzej Wojtkielewicz*, 09CF2028 (Circuit Court of Kane County, Illinois).

On September 19, 2012, the writer was deposed by City of Chicago Corporate Counsel in the case of *Wojtkielewicz v. City of Chicago*, et al., 11-C-4737.

On January 23, 2013, the writer testified as an expert in crime scene reconstruction before Honorable Associate Judge John Joseph Hynes in the case of *People of Illinois v. Charles Petrishe*, 11CR916 (Circuit Court of Cook County).

On March 27, 2013, the writer was deposed by City of Chicago Corporate Counsel in the case of *Cassandra Arnold, individually as Special Administrator of the Estate of Martinez Winford, now deceased, v. City of Chicago*, et al., 14 L 8374.

On June 18, 2013, the writer testified as an expert in shooting incident reconstruction before Honorable Judge William T. Hart in the case of *Andrzej Wojtkielewicz v. City of Chicago*, et al., 11-C-4737 (U.S. District Court for the Northern District of Illinois).

On August 12, 2014, the writer was deposed by City of Chicago Corporate Counsel in the case of *Edwards v. City of Chicago*, et al., 12C 5576.

On May 12, 2015, I testified as an expert in shooting incident reconstruction before United State District Court Judge Sharon Johnson Coleman in the case of *Edwards v. City of Chicago*, et al., 12C 5576.

On February 19, 2016 I testified as an expert in shooting incident reconstruction before Cook County Circuit Court Judge Thomas V. Lyons in the case of *Cassandra Arnold, individually as Special Administrator of the Estate of Martinez Winford, now deceased, v. City of Chicago*, et al., 14 L 8374.

On June 3, 2016, I testified to a three day search of a vehicle while in the FBI, Chicago Division in the murder of Darryl Green (06/18/1999) before Associate Judge Lawrence Flood in the case of the *People of Illinois v. Anton Davis*, 13 CR 12967 (Circuit Court of Cook County).

On March 29, 2018, I testified as an expert in crime scene reconstruction before District Court Judge Tamara Russell, 1<sup>st</sup> Judicial District in the State of Colorado in the case of *People of Colorado v. Michael F. Blagg*, 2016 CR 7230.

On June 10, 2019, I testified as an expert in shooting incident scene reconstruction before State of Wisconsin Circuit Court Judge Scott Needham, St. Croix County in the case of *State of Wisconsin v. Kayle Alan Fleischauer*, 18 CF 255.

## REPORT

Larsen Forensics & Associates, Inc. is referred to herein as "LFA". On June 20, 2017 I started a review of the case upon receiving case documents from Tammy Koelling of Words Matter Publishing, Salem, Illinois.

Based upon review of my investigative experience set forth in this report and in the attached CV, and based on experiments of the described items in **Section 1**, I hold the opinion that the shooter in this case was approximately 5 feet 10 inches or more in height. Therefore Marni Yang, at a height of 5 feet, could not have been the shooter<sup>1</sup>. The shot sequence clarifies and establishes the height of the shooter and provides a firm foundation upon which to understand the physical elements in the scene.

This report has been divided into sections to more easily break down and clarify the shooting incident of Rhoni Reyne Reuter on October 4, 2007 at approximately 7:45 AM in the morning at her home at 441 Elm St. Unit 3B, Deerfield, Illinois 60015.<sup>2</sup>

### Administrative note to the reader:

The main focus of my report is to determine the sequence of gunshots and range of fire with the goal of ascertaining the estimated height of the shooter. This report does not attempt to determine or theorize what type of 9mm pistol was used since the State's expert Forensic Scientist Peter Striupaitis could not make a determination as to the make and model but rather suggested a myriad of manufacturers that could have created the pistol with the same characteristics as seen in the State's ballistic examination.<sup>3</sup> I will not address the why or how five (5) unfired cartridge cases were recovered at the scene. The approximate height of the shooter is the objective.

### Section 1: Items Examined

- 1) Lake County Major Crime Task Force (LCMCTF)/Deerfield Police Department (DPD) October 4, 2007 diagram of 441 Elm Street Apt. 3B, Deerfield, Illinois Main Floor (Bates Stamped 006319);
- 2) LCMCTF October 4, 2007 Legend of measurements taken pertaining to recovered projectiles (hereafter referred to as "bullets"); round (hereafter referred to as unfired cartridge case); and fired casing (Bates Stamped 006320);
- 3) Deerfield Crossing Two Story Townhouse Floor Plan, pages 3;
- 4) October 4, 2007 Autopsy Report pertaining to Rhoni Reuter by Manuel R. Montez, M.D., 9 pages, plus 5 pages of diagrams and notes (Bates Stamped 000695-698).

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<sup>1</sup> Illinois Driver's License abstract

<sup>2</sup> Lake County Deputy Coroner Michael Reld Report on October 4, 2007. Page 1.

<sup>3</sup> NIRCL Ballistic Report of Forensic Scientist Peter Striupaitis, October 10, 2004 (Bate stamp 006863-006864).

- 5) Lake County Coroner's Office Data Sheet Narrative pertaining to Skylar Reyne Reuter-Gayle on October 4, 2007 by Deputy Coroner Michael Reid, 2 pages;
- 6) Lake County Autopsy Photographs & X-rays consisting of one hundred and fifty-nine photographs and five x-rays;
- 7) Lake County Sheriff's Office Crime Scene Photographs (digital) under case number, 7-15329, on October 4, 2007 by Evidence Technician D. Thomas #2114. (Larsen Forensics, Inc. generated contact sheet made up of thirty-one pages with six photographs per page).
- 8) Fired Bullet Worksheets, Northeastern Illinois Regional Crime Laboratory (NIRCL), Laboratory Case Number 07-4728, dated October 8, 2007, consisting of 19 pages.
- 9) August 15, 2017, Larsen Forensics placement of protrusion/trajectory rods in mannequin and Styrofoam head, thirty-seven photographs.
- 10) Review of the following NIRCL reports:
  - October 6, 2007 Fingerprint Comparison Examination by Forensic Scientist Anthony R. Spadafora (Bates stamped 006861-6862);
  - October 10, 2007 ballistic examination of fired bullets and fired cartridge casings by Forensic Scientist Peter Striupaitis (Bate stamped 006863-006864);
  - October 10, 2007 ballistic examinations (Bates Stamped 06863-006867);
  - October 11, 2007 fingerprint comparison examinations by Forensic Scientist Nancy N. Keel (Bates stamped 006868-006870);
  - December 12 & 18, 2007 fingerprint comparison examinations by Forensic Scientist Kelly G. Lawrence (Bates stamped 006871-006874);
  - January 7, 2007 IBIS report of analysis by Forensic Scientist Gary N. Lind (Bate stamped 006875);
  - February 27, 2008 Ballistic comparison examination by Forensic Scientist Peter Striupaitis (bates stamped 006876-006877);
  - February 13, 2008 DNA analysis by Forensic Scientist Sarah E. Effinger (Bates stamped 006878);
  - February 19, 2008 DNA analysis by Forensic Scientist Michelle L. Thomas (Bates stamped 006879);
  - February 19, 2008 DNA analysis by Forensic Scientist Sarah E. Effinger (Bates Stamped 006880-006881);
  - February 28, 2008 DNA analysis by Forensic Scientist Michelle Thomas (Bates Stamped 006882-006883);
  - April 3, 2008 Ballistic examination by Forensic Scientist Peter Striupaitis (Bates stamped 006884);
  - March 18, 2008 DNA analysis by Forensic Scientist Sarah Effinger (Bates stamped 006885);
  - March 18, 2008 DNA analysis by Forensic Scientist Michelle L. Thomas (Bates stamped 006886-006887);
  - March 25, 2008 DNA analysis by Michelle Thomas (Bates stamped 006888)
  - \*January 24, 2008 Ballistic examination on bullet recovered outside kitchen door by Forensic Scientist Robert Berk (Bates stamped 006889-006890);
  - December 20, 2007 SEM/GSR test results re Shawn Gayle by Forensic Scientist Mary Wong (Bates stamped 006891-006892);

- \*February 26, 2008 Ballistics examination result from bullet exhibits 8 – 13 by Forensic Scientist Robert Berk (Bates stamped 006895-006896);
- 11) August 9, 2017 Lana I. Nicholls volunteered to act as a model to copy on firm foam to create a mannequin of similar height and silhouette of Rhoni Reuters'.
- 12) March 4, 2009 LCMCTF Report of Evidence Technician Fry (Bates stamped 006859).
- 13) October 6, 2007 LCMCTF Report by Evidence Technician Terry Richards (Bates stamped 006801).
- 14) October 4, 2007 LCMCTF Investigative Report of Investigator R. Goar # (Bates stamped 006785-006788).
- 15) October 4, 2007 LCMCTF Autopsy Photographic Log by Evidence Technician L. Kuber (Bates stamped 006789-006792).
- 16) October 4, 2007 LCMCTF report pertaining to the collection of exhibits recovered by the Medical Examiner by Evidence Technician James Yanecek #1963 (Bates stamped 006764-006766).
- 17) October 4, 2007 LCMCTF Investigative Report of outside videotaping of scene by R. Goar #2101 (Bates stamped 006767).
- 18) October 5, 2007 LCMCTF Investigative Report of processing of Reuters' Jeep by Evidence Technician Michael Young #2118 (Bates stamped 006768).
- 19) October 6, 2007 LCMCTF Investigative Report detailing the recovery and copying of voice mail recording by Evidence Technician Cesar A. Flores (Bates stamped 006769).
- 20) October 5, 2007 LCMCTF Investigative Report of re-entry of Reuter's apartment by Evidence Technician John Laskowski (Bates stamped 006770-006771).
- 21) October 4, 2007 LCMCTF Investigative Report pertaining to Photographic Log for roll of film #1 by Evidence Technician Cesar A. Flores (Bates stamped 006772-006773).
- 22) October 4, 2007 LCMCTF Investigative Report by Evidence Technician John Laskowski about items recovered at the search of Reuter's apartment (Bates stamped 006774).
- 23) October 4, 2004 LCMCTF Investigative Report pertaining to Photographic Log for rolls #1 through roll #8 by Evidence Technician Cesar A. Flores (Bates stamped 006756-006763).
- 24) August 15, 22, 25, 2017 Larsen Forensics laser mannequin study conducted at the Suburban Law Enforcement Academy at the College of DuPage.
- 25) September 24, 2017 Larsen Forensics laser mannequin study conducted at Larsen Forensics Office, Glen Ellyn, Illinois.
- 26) November 30, 2017 Omnibus Request which lead to the March 22, 2018 review of trial exhibit in Case No. 09 CF 926.
- 27) April 26, 2018 I executed an Affidavit for specific evidentiary items to be tested by Larsen Forensics.
- 28) May 24, 2018 Larsen Forensics examination of clothing worn by Rhoni Reuter's on October 4, 2004 at Larsen Forensics, Glen Ellyn, Illinois.
- 29) May 29, 2018, I obtained a standard from People's Exhibit 43, Rhoni Reuter's tan short sleeve turtleneck shirt, at Independent Forensics DNA Testing & Technologies, Lombard, Illinois.

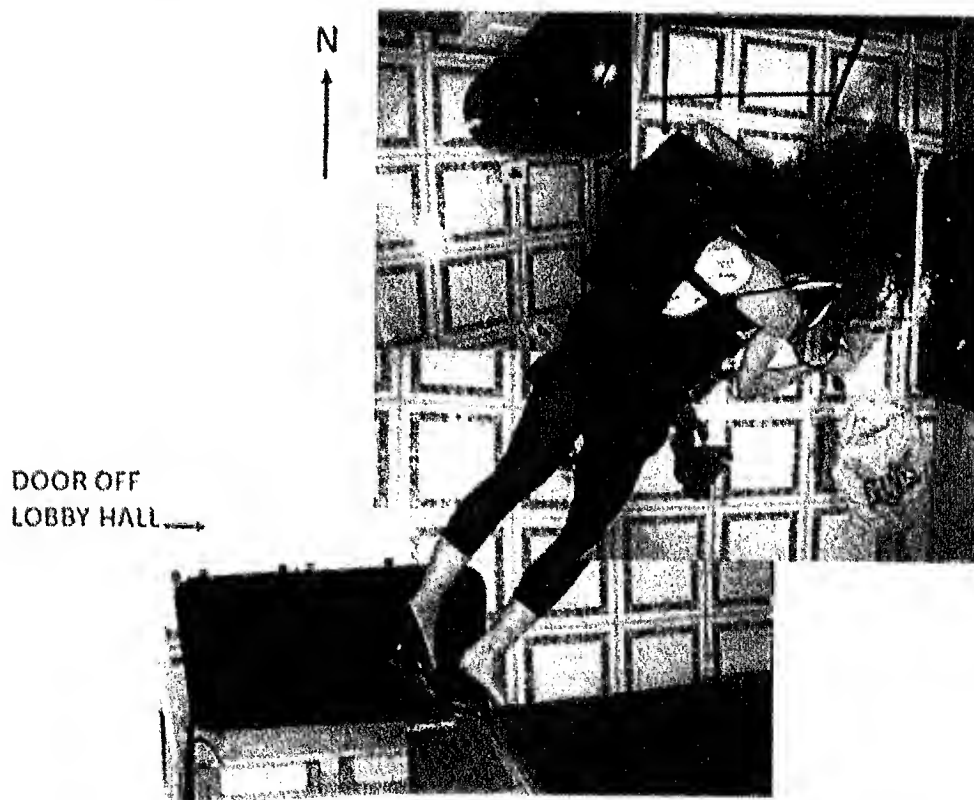


30) April 26, 2019, Investigator review of case for Attorney Jed Stone at Stone & Associates.

31) May 7, 2019, LFA number sequenced M.E. gunshot wounds on LFA mannequin.

**Section 2:**  
**General Background and the Makeup of the Shooting Incident**

On Thursday morning, October 4, 2007, Rhone Reyne Reuter was shot and killed in her kitchen at 441 Elm Street, 3B, Deerfield, Illinois 60015. The kitchen's dimensions are approximately 10 feet by 9 feet.<sup>4</sup> The actual area in which the shooter was active was approximately 5 feet by 5 feet, as seen in the montage of LCMCTF scene photo below.



LFA - LCMCTF Photo montage made up of frames 2230, 2240, 2244 & 2314. The linoleum squares are approximately 1-foot square.

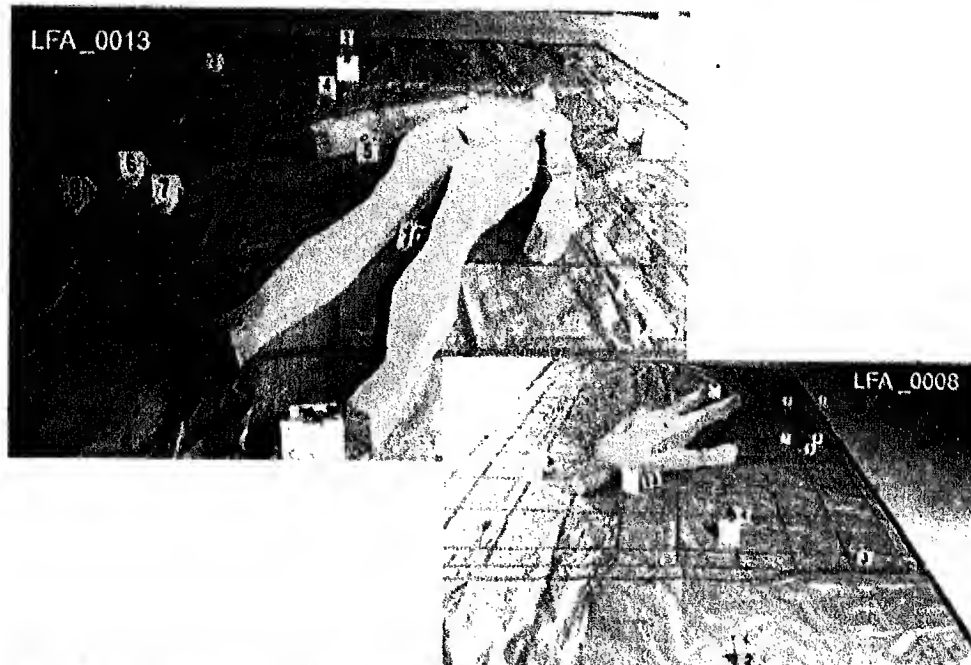
Reuter was 42 years old, her height was 5 feet 9 inches (69-inches) with a weight of 135 pounds and was left handed.<sup>5</sup> She was 6 months pregnant. She appeared to be following her routine and was in the process of leaving to go to work at U.S. Foods in Rosemont, Illinois. The black shoulder bag observed above contained

<sup>4</sup> Deerfield Crossing description of Unit 3B as a two store townhouse. See floor plan in Appendix A.

<sup>5</sup> LCMCTF Investigative Report – Victimology by Officer Jason Baldowsky #2149 dated October 8, 2007 (Bates stamp 000051).



approximately to the same scale as the crime scene. The placement of the evidence markers on the blue tarp were obtained from LCMCTF Diagrams and Measurement Legend, Crime Scene Photographs, and Photomodeler measurement data<sup>6</sup>. A Nikon D300S digital camera was used along with a Tamron SP 10-24mm wide-angle lens. See Appendix B for complete set of photographs.



**LFA Photo Plate 1 – Mannequin on gridded tarp with evidence markers**

**Section 3:**  
**Pistol & Ammunition**

The only facts surrounding the weapon used in this incident is that it was a 9mm semi-automatic pistol with 6 lands and grooves.<sup>7</sup>

The ammunition used was 9mm Speer 124-grain copper-jacketed hollow points.<sup>8</sup>

**Section 4:**  
**First Gunshot & Shooter & Victim's Positions**

The shooter would have been standing in the hallway outside the front and kitchen door of Unit 3B. Anyone opening the door from inside the kitchen would have likely used their

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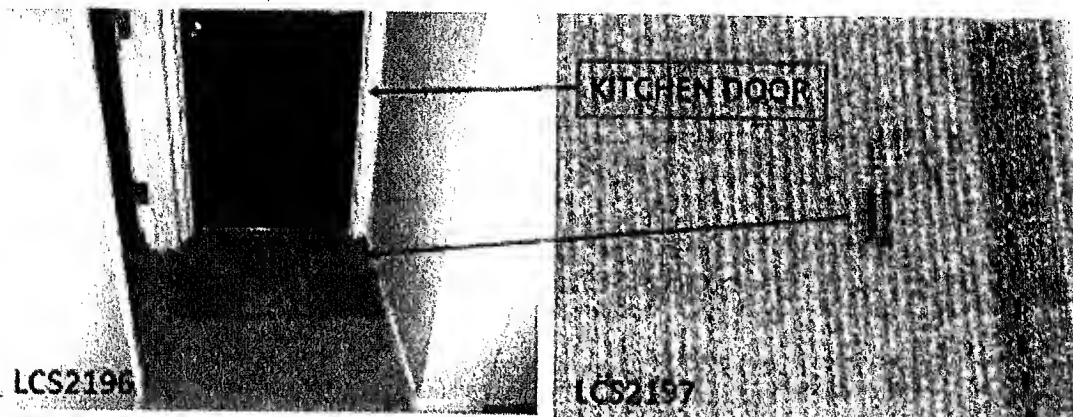
<sup>6</sup> Photomodeler, EOS Systems, British Columbia.

<sup>7</sup> Northeastern Illinois Regional Crime Laboratory Report #2 by Forensic Scientist Peter Strupaitis, October 10, 2007 (Bates stamp 006863-006864).

<sup>8</sup> LCMCTF Investigative Report – Evidence Technician Report of James Yanecek, #1963, October 4, 2007 page 1 of 3 (Bates stamp 006764).

left hand on the door knob located on the right edge (inside). With a right opening door Reuter may have stepped back into the kitchen as the door swung open. In this case Reuter's body would have been bladed to the southwest with her right side slightly facing the door opening and the shooter.

Evidence places the shooter firing the first shot by standing outside or on the threshold of Reuter's kitchen door as seen by the discharged 9mm cartridge casing outside the doorway (Evidence Item # JY003).



**LFA Photo Montage Plate 2 – Cartridge in Hallway**

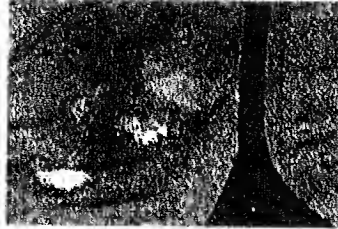
As Reuter opens the door the shooter steps in and discharges the pistol. The range of fire has the earmarks of "contact to near contact". Reuter is in movement as this first shot is discharged. Dr. M. Montez, M.D. labeled this wound as "B. perforating gunshot wound of chest and left shoulder:" He further goes on to describe it as "A gunshot entrance wound of the left anterior chest wall, muscle and soft tissues of the left shoulder and muscles and soft tissues of the left upper arm, before exiting," The wound was "in the infraclavicular region, 13½" below the top of the head (or 55½ inches from the floor) and 2½" left of midline." It is a 1¼" diameter oval horizontal perforation with ¾" abrasion along the medial margin. The entrance wound is centered in a 5" x 4" blue contusion."<sup>9</sup>

<sup>9</sup> Lake County Coroner's Office, Autopsy Report pertaining to Rhoni Reuter on October 4, 2007, page 3.

Dr. Montez described the direction of the bullet traveled as, "front to back, right to left, and downward."



ME Photo 07-15329(17)



ME Photo 07-15329(18)

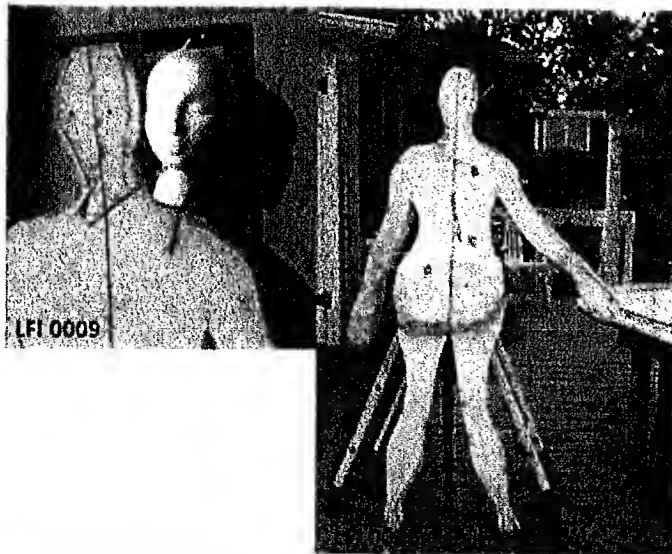


ME Photo 07-15329(31)  
BULLET EXIT HOLE LOCATION  
(CIRCLED IN BLACK)

#### **LFA Photo Montage Plate 3, Gunshot Wound B (First Shot)**

On August 9, 2017 I generated a firm foam mannequin with the assistance of Mrs. Lana Nicholls whose body measurement and body type resemble Reuter's.

On August 15, 2017, Forensic Associate Arthur Borchers and I, utilizing the mannequin and the Medical Examiner's measurements associated with the seven gunshot wounds, placed protrusion/trajectory rods in the mannequin. See photos below (Appendix C).



#### **LFA Photo Montage Plate 4: Placement of Protrusion Rod in Mannequin**

On August 22 and 25, 2017 Borchers and I conducted a series of laser studies dealing with the gunshot wounds at the Suburban Law Enforcement Academy (Appendix D). The room was mapped out using blue painters' tape to depict the shooting incident scene. The foam mannequin with a height of 69 inches. Mrs. Mary Beth Borchers (height 60-inches) represented a 5-foot shooter. A red-handled training pistol with mounted laser was provided to the shooter. A laser was attached to each trajectory rod to make a determination as to direction and possible height of the shooter. Different scenarios pertaining to each gunshot wound were attempted.

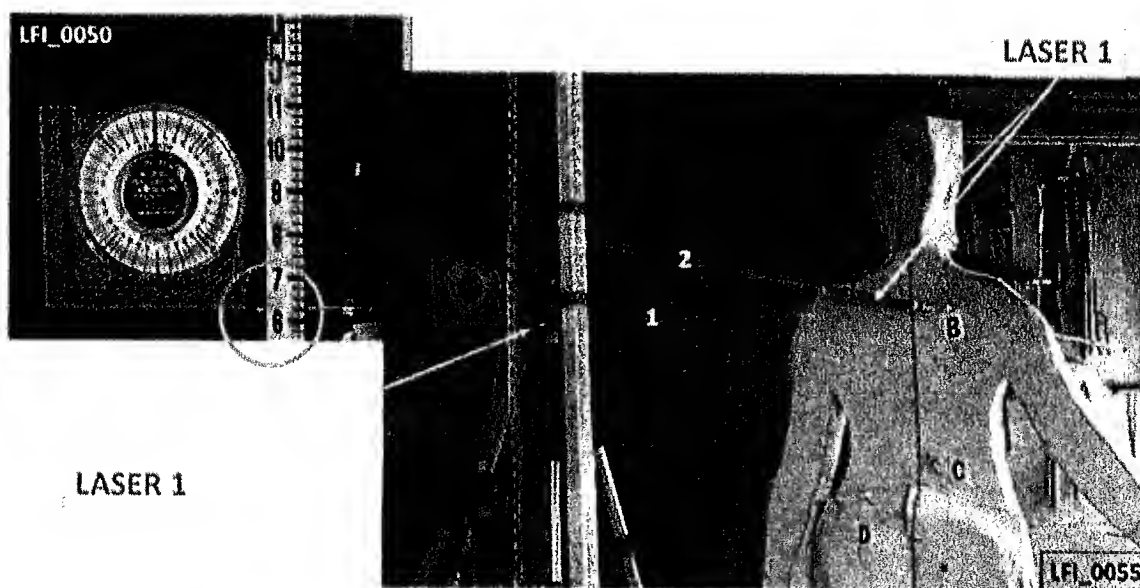
Initial findings revealed that gunshot wounds A, C, D, E, F, and G could indeed have been made by a 5-foot individual using a standard two-handed grip firing from extended arms from the shoulders. However gunshot wound B was the exception due to its placement and the trajectory path established by the Medical Examiner.

On September 24, 2017, I conducted a comparison laser study on gunshot wound B at LFI. Using two red lasers and the mannequin along with two vertical scales, an angle finder, a NIKON D300S camera with 28-80mm lens fitted with a 77mm Variable Neutral Density filter it was ascertained that the person firing of this shot had to have been 5-feet 10-inches tall or taller.

See series of photos below. A 5-foot shooter could not have created the trajectory path associated with gunshot wound B as corroborated by LFA Forensic Examiners.

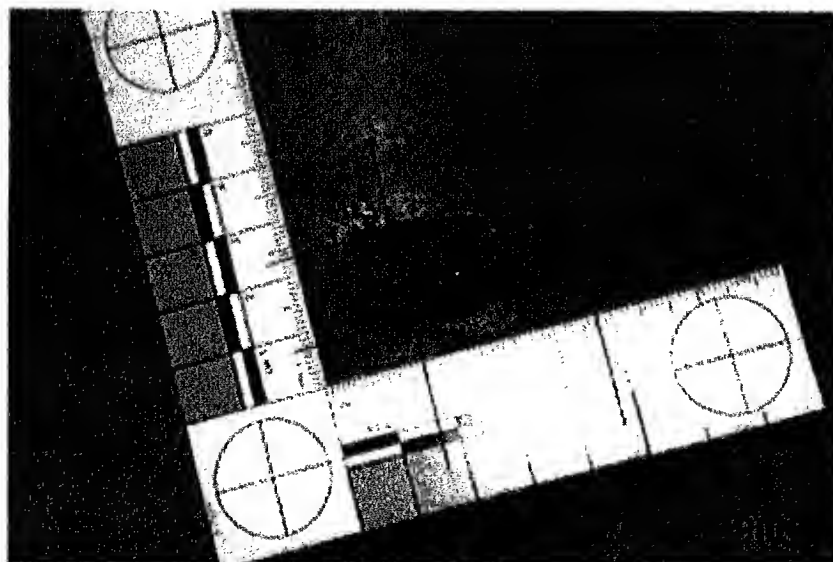
The PowerPoint photo montage below the bottom red laser beam labeled 1 represents a 5-foot-tall shooter. The top laser beam labeled 2 represents a 5-foot 10-inch tall shooter.

Laser Beam 1 below demonstrated that the pistol's muzzle height off the floor would be approximately 4 feet 6 inches for a 5-foot shooter if the shooter was in a "normal" standing position on a level surface using a two handed grip with arms extend from the body. This laser projection does not follow the trajectory path documented by the Medical Examiner for a 5-foot shooter. For a 5-foot shooter the bullet entering at "B" would have been relatively horizontal or parallel to the floor and would have exited near the top of the shoulder. As seen in laser beam #1 below.



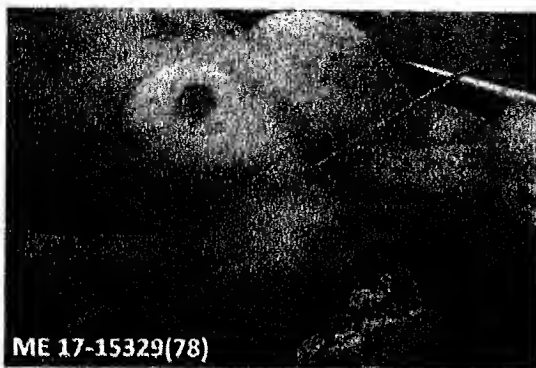
**LFA Photo Montage Plate 5 – Dual Laser Experiment with Mannequin**

The photograph of the angle finder sitting atop the laser shows the vertical angle at zero degrees  $0^\circ$  with a standard deviation of  $(\pm 5^\circ)$ . Laser Beam 1 is on-line (almost parallel) with the floor for both a 5-foot and/or the 5-foot 10-inch plus shooter. The horizontal estimated angle of  $\sin \theta$  is the same for both the 5-foot and 5-foot 10-inch plus shooter. The horizontal angle was measure off the protrusion rod where it meets the body. (See below M.E. photo 17-15329(78).



**LFA Photo Plate 6 – The Sine of Bullet Hole 1 / Gunshot Wound B**



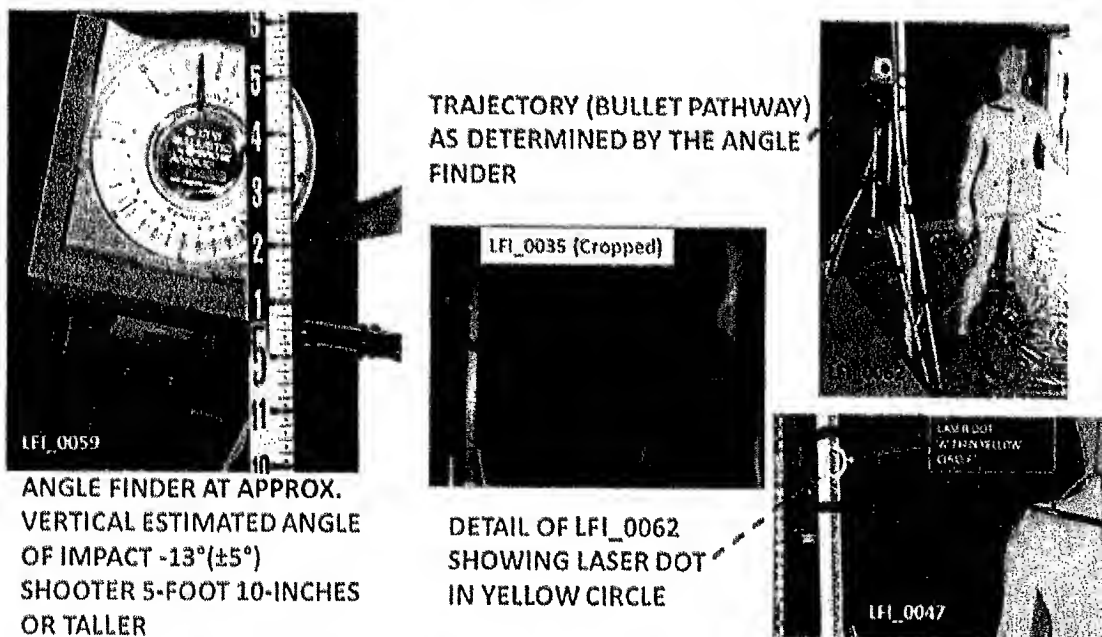


**LFA Photo Plate 7 – M.E. Protrusion Rod through Gunshot Wound B**

Laser Beam 2 demonstrated that the pistol's muzzle height off the floor would be approximately 5-feet for a 5-foot 10-inch shooter if the shooter was in a "normal" standing position on a level surface using a two-handed grip with arms extended from the body. The horizontal estimated angle of impact is  $34^{\circ}$  ( $\pm 5^{\circ}$ ) is the same as with Laser Beam 1. The vertical estimated angle of impact is seen on the angle finder at approximately  $-13^{\circ}$  ( $\pm 5^{\circ}$ ) for Laser Beam 2.

This vertical angle corresponds to the M.E. positioning of the protrusion rod in gunshot wound B. To further support this statement I used two lasers; one from the 5-foot 10-inch shooter position and the other mounted on the protrusion rod entering the gunshot wound B. The two laser beams overlapped which concretized the hypothesis that the 5-foot 10-inch shooter executed gunshot wound B.

To more clearly visualize this scenario see the photo montage below:



**LFA Photo Montage Plate 8 – Laser Mannequin Study M.E. Gunshot Wound B**

Range of fire (muzzle to target) for gunshot wound B was extremely "close to contact". In making this determination several physical factors support this opinion:

- 1) A lead-in mark<sup>10</sup> is observed at the entrance point of the bullet path as seen in ME photograph 07-15329 (31) below even though there's an intermediate object (Reuter's tan turtleneck short sleeve shirt).



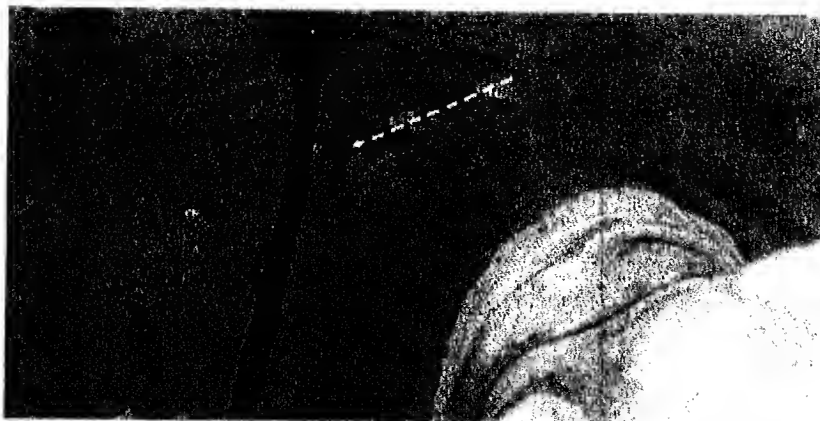
**LFA Photo Plate 9 – M.E. Photo of Gunshot Wound B**

The dashed arrows point to the **lead-in mark**.<sup>11</sup>

- 2) The 5 inch by 4 inch blue contusion area surrounding the entrance wound gives corroboration to the closeness of the muzzle blast to this area.
- 3) Reuter's tan shirt (bloodstained) is witness to the position of the muzzle and the direction of fire. The below image is Medical Examiner's photo 07-15329 (18).

<sup>10</sup> A lead-in mark: defined as: "A Visible, thin, elongated deposition of bullet wipe transferred to a surface as a bullet first makes contact with that surface..." by Lucien C. Haag, Shooting Incident Reconstruction, Glossary, 2006, page 320.

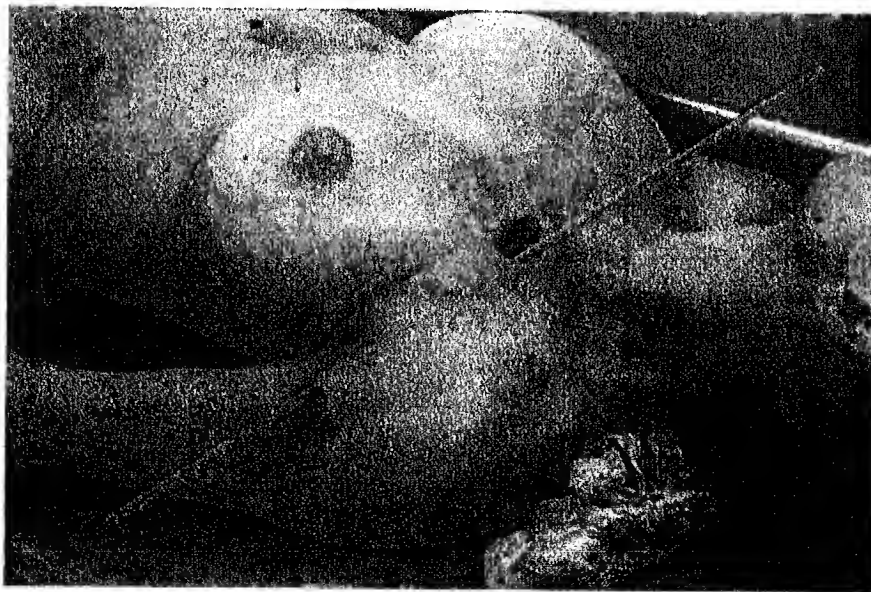
<sup>11</sup> Ibid.



THE MUZZLE OF THE PISTOL IS ALMOST AT A POINT OF CONTACT. THE 3 SETS OF HOLES TORN IN THE FABRIC WERE CREATED BY THE GASES EXITING THE MUZZLE. I HAVE PLACED ON THE PHOTO IMAGE THE APPROXIMATE LINE OF TRAJECTORY BY OVERLAYING A YELLOW DASH LINE/ARROW ACROSS REUTER'S LEFT CHEST AS SEEN IN THE PHOTO ABOVE.

**LFA Photo Plate 10 (with text) Muzzle Gas Tares**

- 4) The Medical Examiner's placement of a yellow protrusion rod in gunshot wound B defines the direction of this gunshot. As seen below in M.E. photo 07-15329(78). This is the first shot fired in this incident.

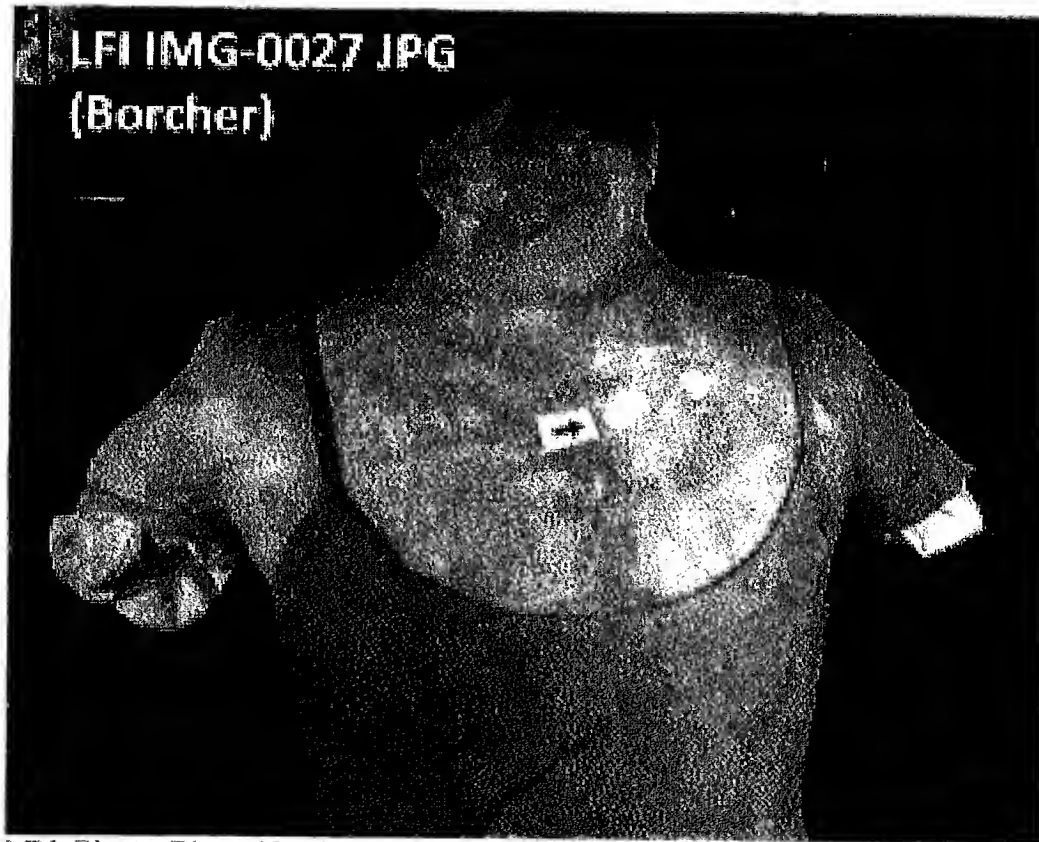


**LFA Photo Plate 11 – M.E. Photo with Protrusion Rod**

To reiterate what the Medical Examiner reported, "The direction this bullet travels are: front to back, right to left, and downward."<sup>12</sup>

<sup>12</sup> Ibid, Autopsy Report, pg. 3 Sec. B.

- 5) May 24, 2018 Infrared (IR) photographic study on Reuter's tan turtleneck short sleeve shirt and black maternity pullover dress supported the observation that the damage to the tan turtleneck was caused by a "near contact" gunshot in which the gases tore the three-hole pattern across the top of Reuter's left chest. With the largest of the tear holes being "near contact" as seen M.E. photo 07-15329(17) gunshot wound B LFA IMG\_0027 JPG IR photo below:

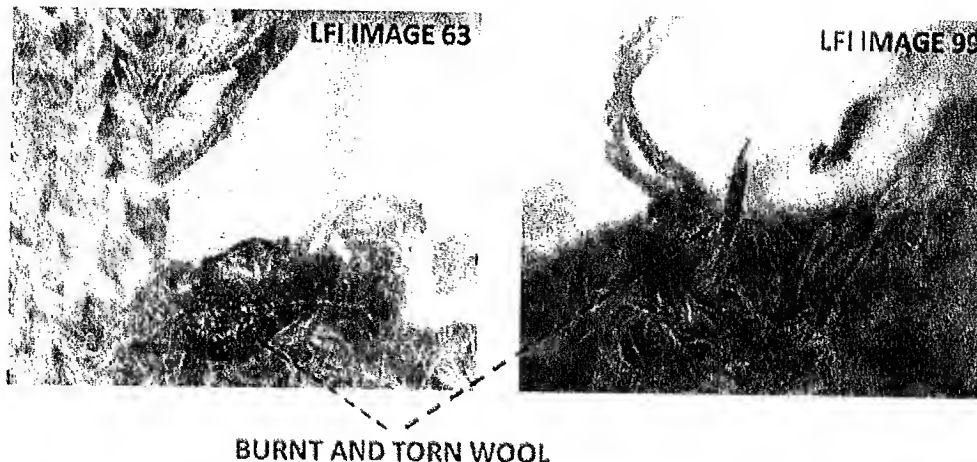


**LFA Photo Plate 12 – IR Photo of GSR Tan Turtleneck**

The other IR photographs were clear of any signs close contact in the form of tears and/or gunpowder particulates. See Appendix H.

- 6) May 24, 2018 LFA conducted a digital microscopic<sup>13</sup> photo study of Reuter's tan turtleneck short sleeve shirt and black maternity pullover dress. The fabric surrounding the bullet entrance wound caused two areas of fabric to burn as seen in photo Image 63 & 99 magnified 150x. These images support the theory that the range of fire was "close contact" because these wool fibers were not only torn but also burnt.

<sup>13</sup> Celestron Digital Handheld Microscope, Model #44302, Power 10x-150x., Torrance, California 90503.



LFA Photo Montage Plate 13 – Microscopic Images of Damaged Fibers

**Section 5:**  
**Gunshot Sequence**

It is my opinion, based on placement of wound B, that when Reuter opened the kitchen door she was slightly turned away from the door entrance toward her left. As the shooter stepped into the kitchen, the shooter discharged the first shot striking Reuter in the upper left chest. Reuter's attempt to turn away from the shooter began a counter-clockwise movement which positioned her right side in place for the next series of gunshot wounds.

The second sequence of gunshot wounds were: Wounds D & G (Perforating gunshot wound to the abdomen with corresponding gunshot wound to the left forearm and recovered projectile<sup>14</sup>); Wound E (Penetrating gunshot wound of back and abdomen); Wound F (gunshot wound to the right hip *causing a complete collapse of the hip.*) This shot caused Reuter to buckle allowing for Wound C<sup>15</sup> (Penetrating gunshot wound of abdomen).

The fourth and final wound sequence was Wound A (Perforating gunshot wound of the head).<sup>16</sup> This wound was to the left side of the head which could have created the bullet hole entries in the north kitchen wall in the northwest corner of the kitchen, the black garbage can, with the shooter now positioned approximately in the southwest central section of the kitchen which and/or possibly the kitchen floor in front of the refrigerator.<sup>17</sup>

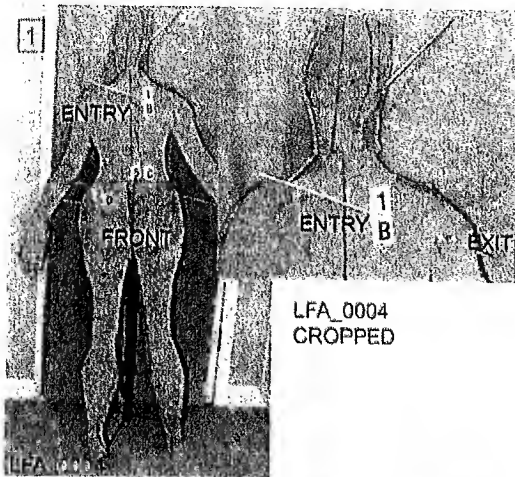
<sup>14</sup> LCMGTF Investigative Report by R. Goar #2101, Exhibit No. RG016, projectile recovered from the back at autopsy, October 4, 2007, page 1 of 3 (Bates stamp 006785).

<sup>15</sup> Ibid, Exhibit No. RG016, projectile recovered from the left wrist.

<sup>16</sup> Ibid, Autopsy Report, page 2.



On May 7, 2019 I place number sequence markers next to each M.E. Wound Marker to help the read more easily understand the sequence of event. See LFA mannequin photo series below:



Glossary of terms:

Entry: refers to bullet hole entry

Exit: refers to bullet exit hole

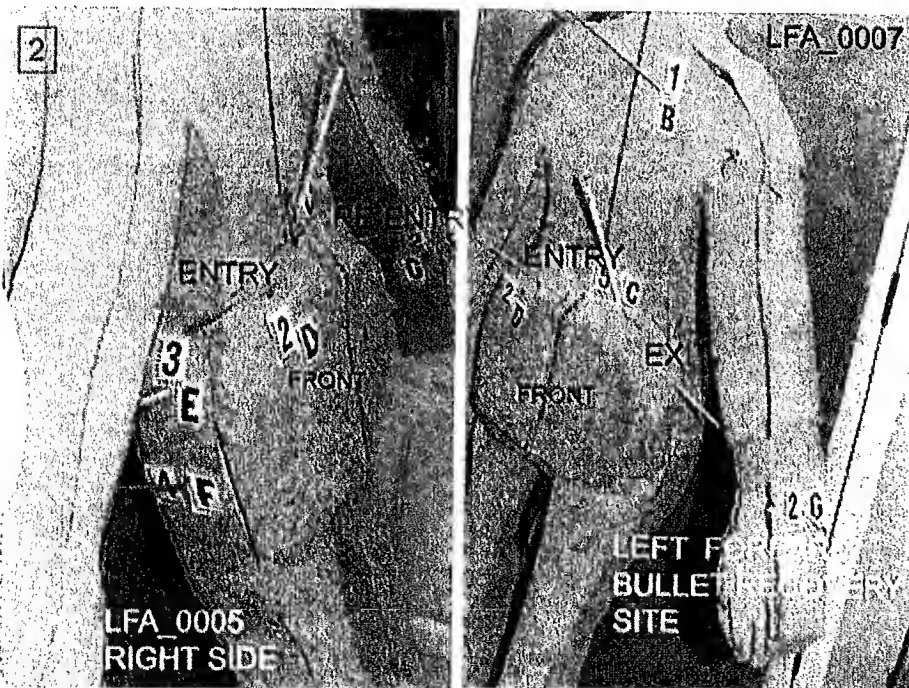
Penetrating: bullet lodged within the body

Perforating: bullet passed through the body

All quotes below pertaining to M.E. gunshot wounds have been taken from Dr. M. Montez Autopsy Report of October 4, 2007.

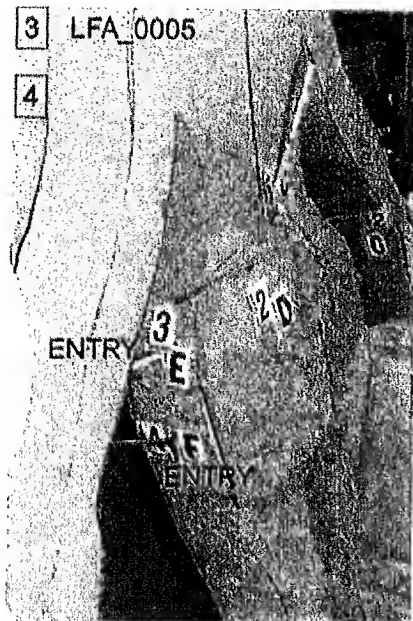
LFA Photo Montage Plate 14 – 1<sup>st</sup> Gunshot

1<sup>st</sup> Gunshot generating M.E. gunshot wound B ("Perforating gunshot wound of chest and left shoulder :")



LFA Photo Montage Plate 15 – 2<sup>nd</sup> Gunshot

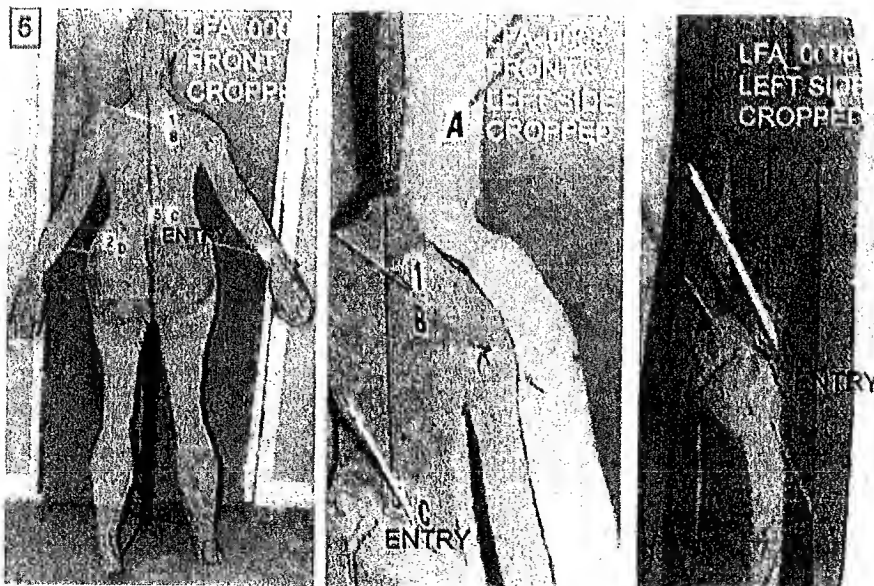
2<sup>nd</sup> Gunshot creating M.E. gunshot wounds D ("Perforating gunshot wound of abdomen :") & corresponding wound G ("Penetrating gunshot wound of left forearm :")



LFA Photo Plate 16 – 3<sup>rd</sup> Gunshot

3<sup>rd</sup> Gunshot creating M.E. gunshot wound E ("Penetrating gunshot wound of back and abdomen")

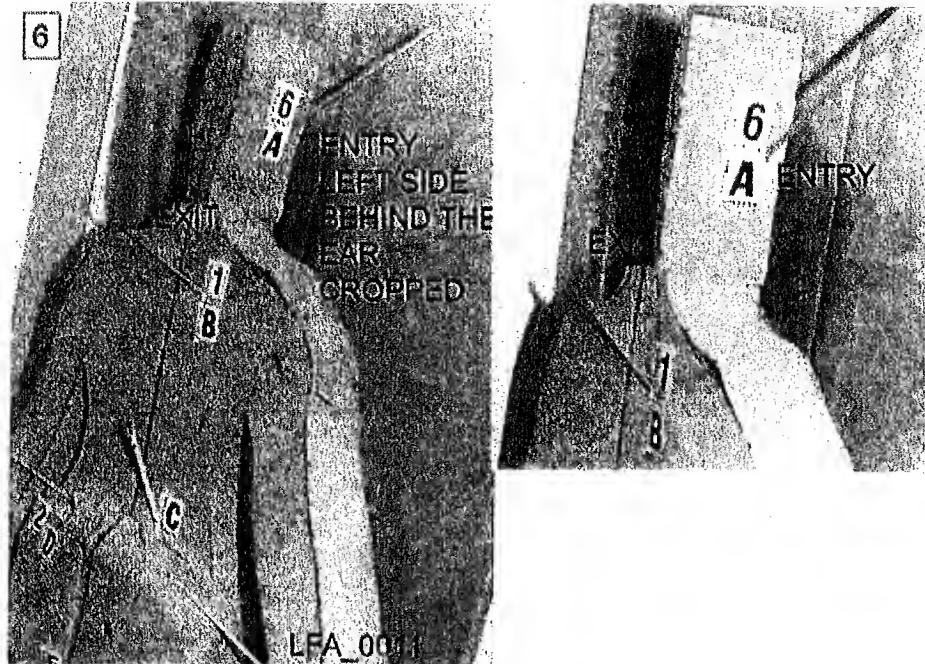
4<sup>th</sup> Gunshot creating M.E. gunshot wound F ("Penetrating gunshot wound of the right buttock")



LFA Photo Montage Plate 17 – 5<sup>th</sup> Gunshot

5<sup>th</sup> Gunshot creating M.E. gunshot wound C ("Penetrating gunshot wound of abdomen")





**LFA Photo Montage Plate 18 – 6<sup>th</sup> Gunshot**

6<sup>th</sup> Gunshot creating M.E. gunshot wound A ("Perforating gunshot wound of head")

## Section 6: Conclusion

- 1) The shooter was between 5 feet 10 inches or taller.
- 2) The shooter was in a standard shooting position.
- 3) The weapon used by the shooter was a semi-automatic pistol.
- 4) The pistol fired 9mm caliber ammunition.
- 5) The brand and type of 9mm cartridge was Speer copper jacketed hollow point as seen by the seven recovered cartridge cases and the five unfired cartridges recovered.<sup>18</sup>
- 6) Rhoni Reuter appeared to be leaving for work as seen by the way she was attired, her car and assorted key chain in her right hand, the black shoulder strapped tote bag with gym gear & gym shoes, and a Whole Food grocery bag with lunch type items possible in her right hand. (This last item was seen on the floor near Reuter's right hand.).
- 7) Reuter used her left hand to open the kitchen door leading to the hallway lobby. The door opened to the inside from right to left with the sink counter as the stopping point.

<sup>18</sup>Ibid, unfired cartridges.

- 8) Reuter was bladed to the left with her right shoulder extended towards the shooter.
- 9) With the door opened the shooter stepped into the kitchen threshold and fired the first shot.
- 10) The first shot was Medical Examiner's gunshot wound B, a perforating gunshot to the left upper chest, "infraclavicular region", and left shoulder where it exited.
- 11) Wound B was a "near contact" wound.
- 12) It is my opinion both parties were in motion with the shooter advancing forward into the kitchen and Reuter stepping backward into the kitchen as she opened the door. This created the "near contact" wound as seen by the gas expansion tears on the tan turtleneck short sleeve shirt.
- 13) The LFA laser studies clearly demonstrate that Wound B was from a shooter who is 5-feet 10-inches or great, and that generate the estimated vertical angle impact was  $-13^{\circ} (\pm 5^{\circ})$  demonstrates that the shooter was shooting down on the target (Wound B). **Gunshot wound B could have only been generated by someone who is 5 feet 10 inches or taller.**
- 14) Gunshot wound B establishes the conditions needed to create the gunshot wounds noted by the Medical Examiner.

This report may be subject to revision should additional information or evidence be made available.

I reserve the right to use the mannequin and tarp floor layout described in the report in order to illustrate and explain the statements.

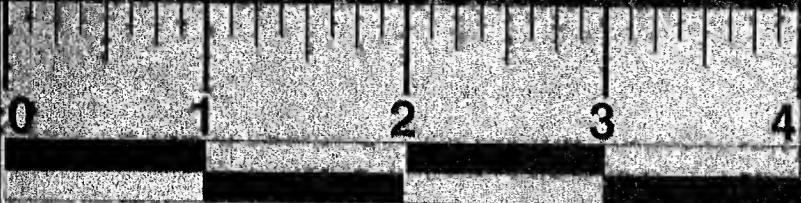
Respectfully Submitted By:



John Louis Larsen

APPENDIX

- A. Larsen Curriculum Vitae and accompanying John Louis Larsen Law Enforcement Instructional History
- B. July 15, 2017 protrusion rod placement in mannequin
- C. August 17, 22 & 25, 2017 LFI laser study reports and photographs on CDs:
  - August 17, 2017 laser study at LFA
  - August 22, 2017 laser study with live exemplar person at LFA
  - August 25, 2017 laser study and live fire at range
- D. September 24, 2017 LFI laser study report focused on gunshot wound with photographs on CD
- E. March 22 & 23 LFA photographic inventory of trial documents and materials associated with this case on CD
- F. May 17 & 24, 2018 examination of People's Exhibit 43, tan turtleneck short sleeve shirt, and People's Exhibit 42, black maternity dress, photographs on CD
  - May 17, 2018 LFA received and photographic documentation and chain of custodies of People's Trial Exhibits from Lake County Clerk of the Circuit Court, Department of Criminal and Traffic. Photographs of CD
  - May 24, 2018 detail examination of exhibits with photographic documentation both general and digital microscopic on CD
  - May 24, 2018 Infrared (IR) photographic examination on CD
- G. July 4, 2018 LFI blue tarp kitchen floorplan photo log on CD
- H. May 7, 2019 LFA Mannequin sequence numbered M.E. gunshot wounds photographs on CD.



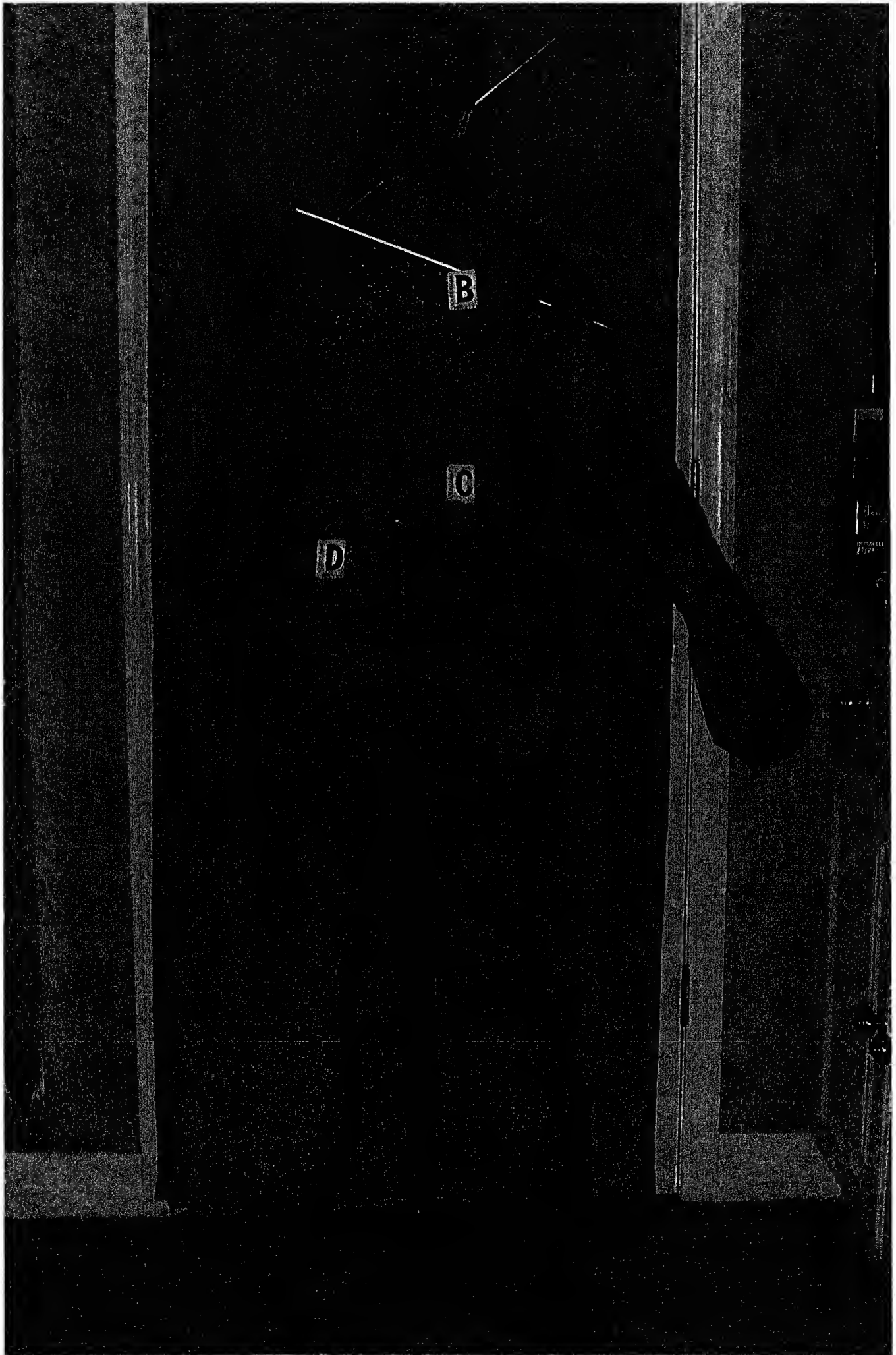
DATE/ TIME	05/07/2019
AGENCY	LETA FOR ATTY. GEN. STONE
CASE #	BERNIE M. XMANC 9 CF 926
PHOTOGRAPHED BY	JOAN DENNIS LEKSEN



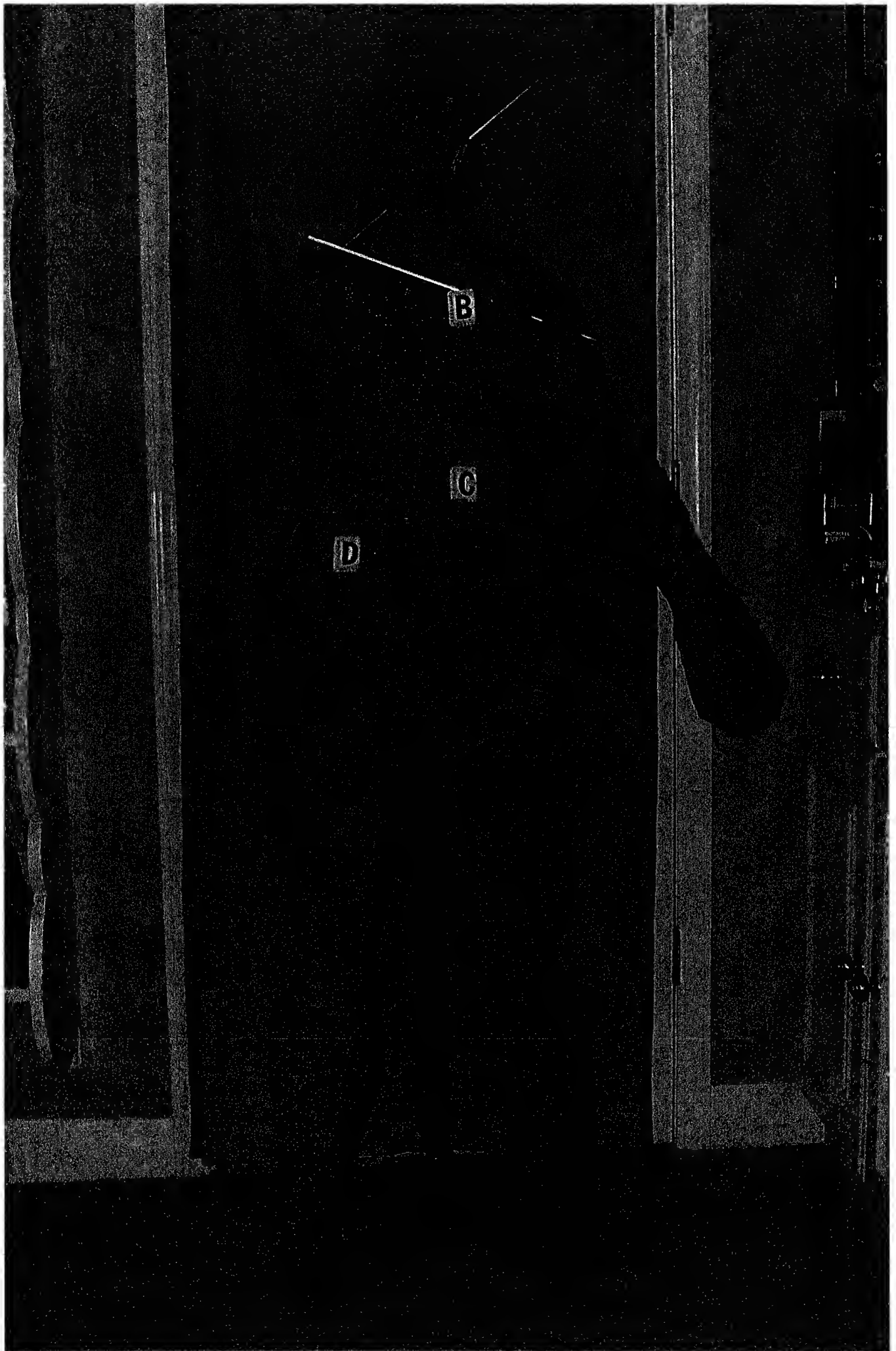
Lynn Peavey Corporation 800-255-6499

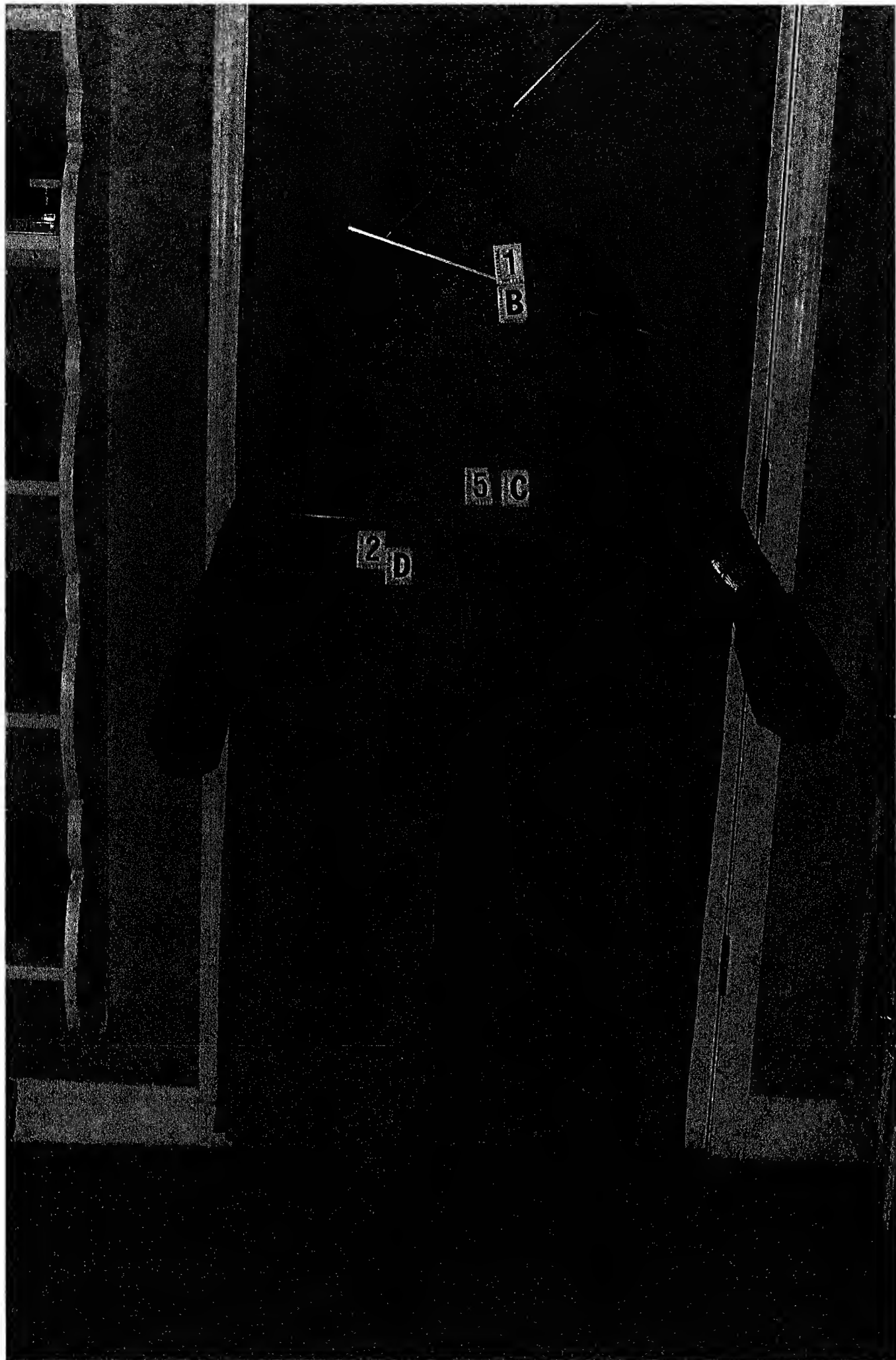
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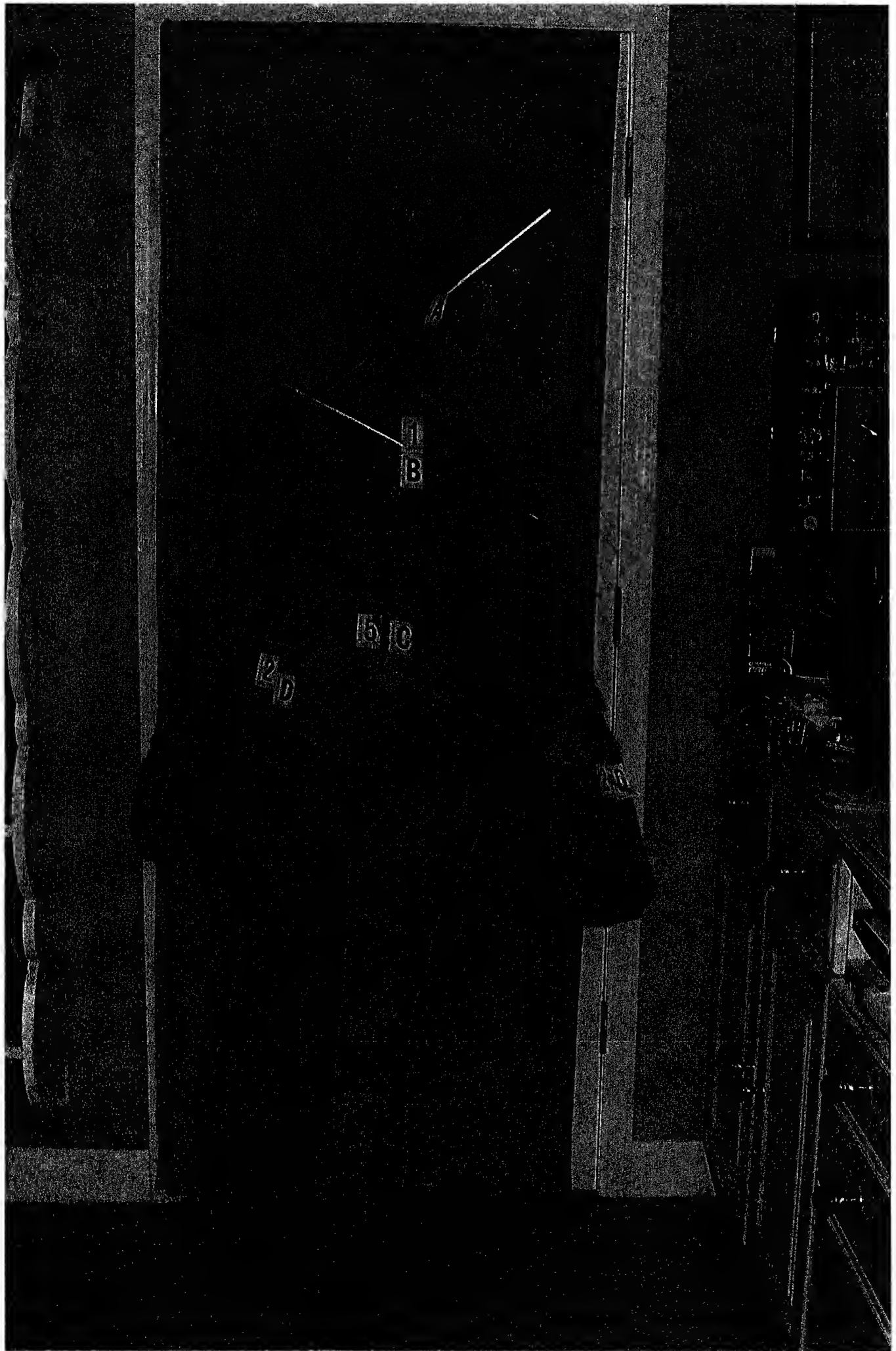
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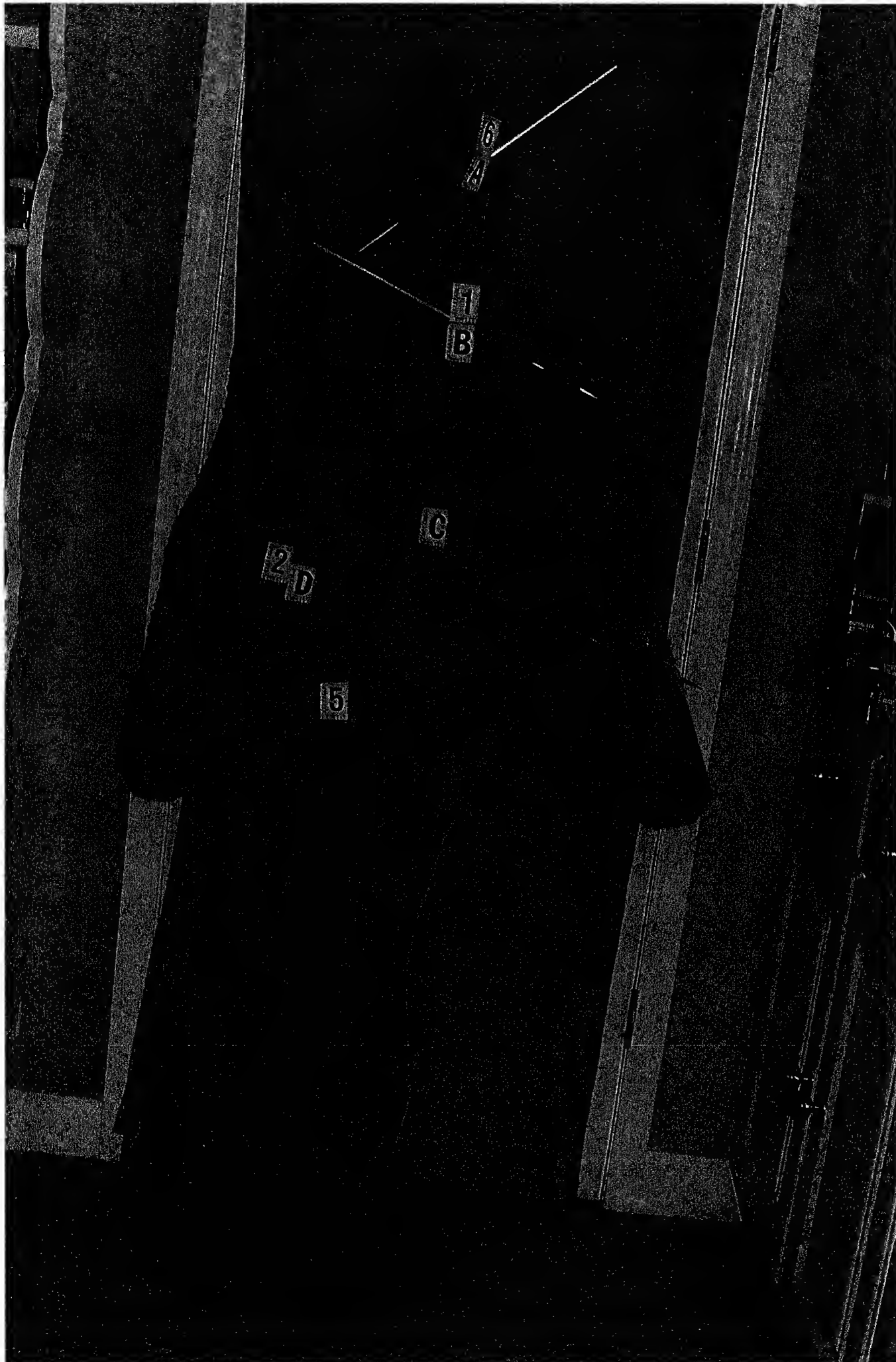
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IN THE CIRCUIT COURT OF LAKE COUNTY, ILLINOIS  
COUNTY DEPARTMENT, CRIMINAL DIVISION

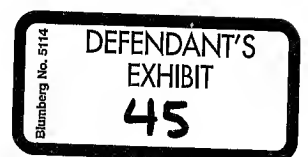
PEOPLE OF THE STATE OF ILLINOIS	)	
	)	
Respondent-Plaintiff	)	
	)	No. 09 CF 926
v.	)	
	)	
MARNI YANG	)	
	)	Honorable Christopher Stride
Petitioner-Defendant	)	Judge Presiding

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**AFFIDAVIT OF**  
**JOHN LOUIS LARSEN**

I, John Louis Larsen, the affiant, state as follows:

1. I am a Retired Special Agent of the Federal Bureau of Investigation (FBI). I was the Evidence Response Team (ERT) Senior Team Leader and Coordinator until my retirement. My duties as a Special Agent were in the area of violent crime matters where I specialized in the collection, documentation, analysis and reconstruction of crime and shooting incident scenes.
2. My Curriculum Vitae is attached to this affidavit as an exhibit and is offered in support of my qualifications.
3. I have been retained to conduct forensic testing in *People v. Yang* 09 CF 926 by the Petitioner-Defendant.
4. I have examined photographs taken by the Lake County Major Crime Task Force in the aforementioned case at the Lake County Circuit Clerk's Office (the "Photos").
5. The Photos depict the use of laser and smoke at the crime scene of the shooting death of Rhoni Reuter.



6. After careful review of the Photos it is apparent to me they are crucial evidence related to the reconstruction of the shooting incident scene.

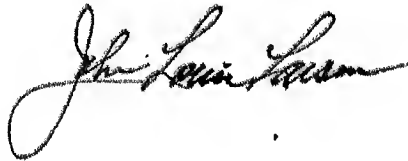
7. The Photos provide angles and data required to conduct a proper trajectory study of the crime scene.

8. These Photos were not provided to Marni Yang or her lawyers.

9. Without these photos, the defense attorneys were hindered from conducting tests that refuted the testimony of the Medical Examiner. Accordingly, it is my opinion that the Defense was crippled in its representation of Marni Yang.

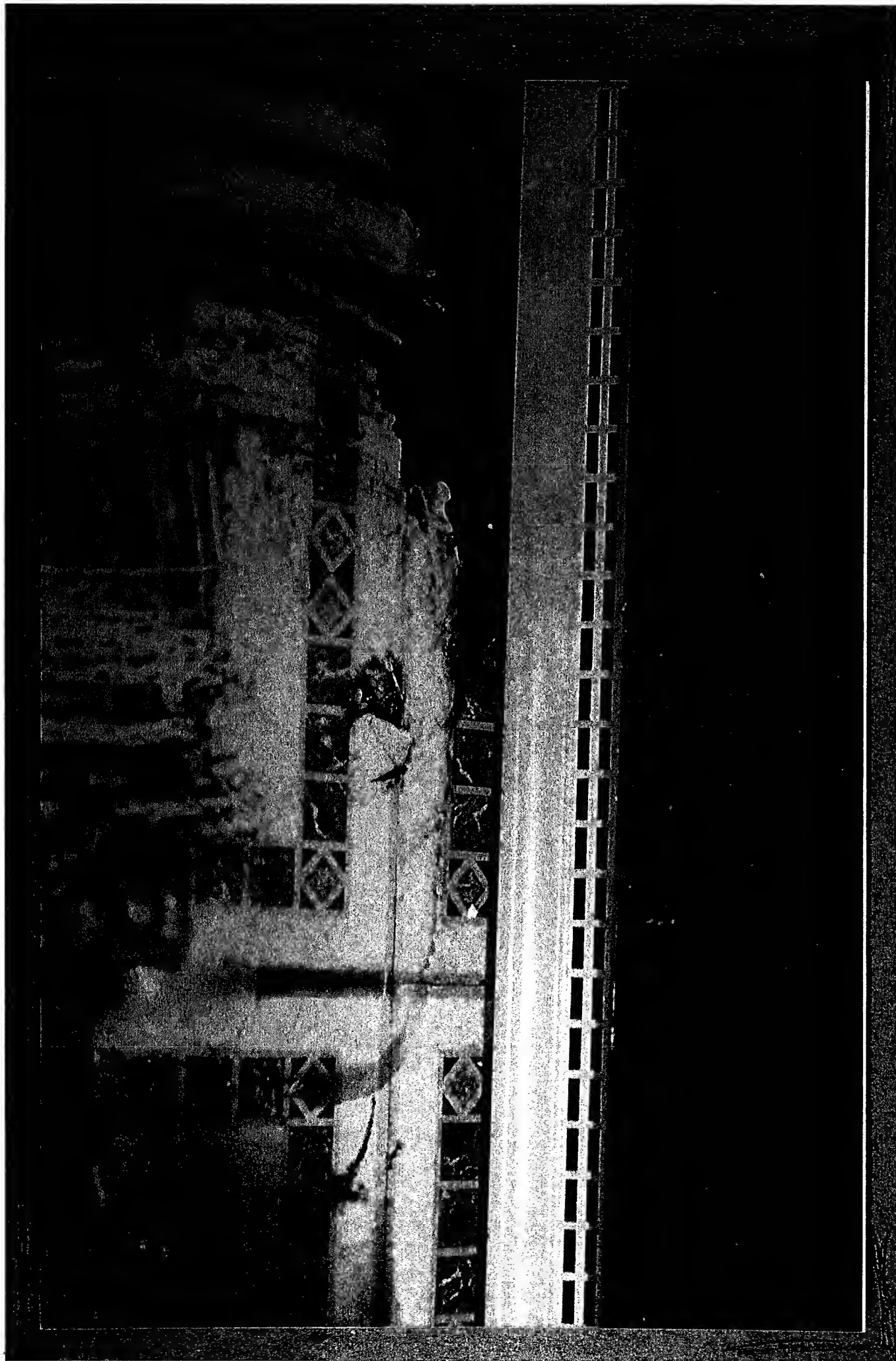
In furtherance affiant sayeth not.

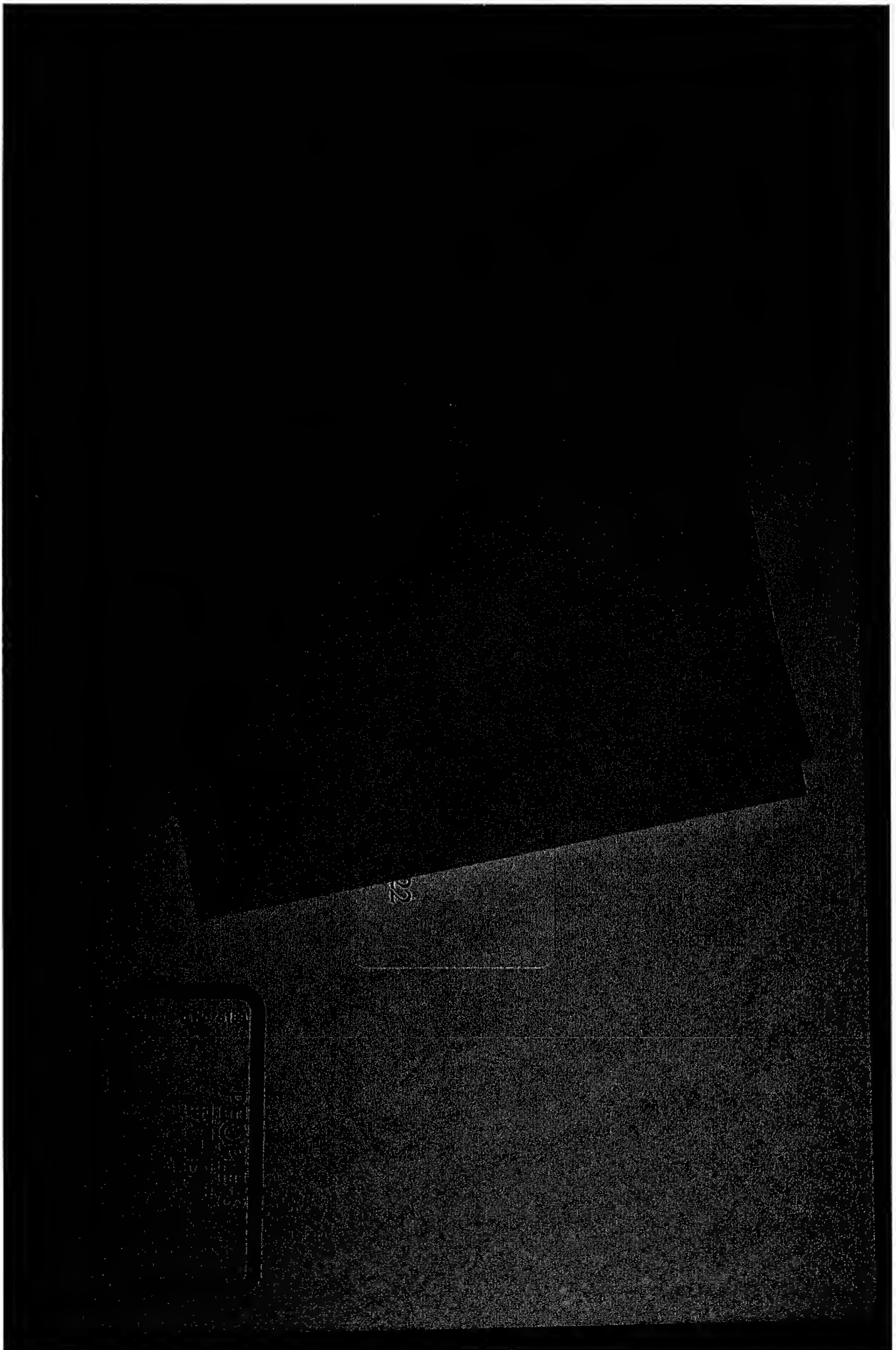
Under penalties of perjury as provided by law pursuant to Section 1-109 of the Code of Civil Procedure, the undersigned certifies that the statements set forth in this instrument are true and correct, except as to matters therein stated to be on information and belief and as such matters the undersigned certifies as aforesaid that he/she verily believes the same to be true.



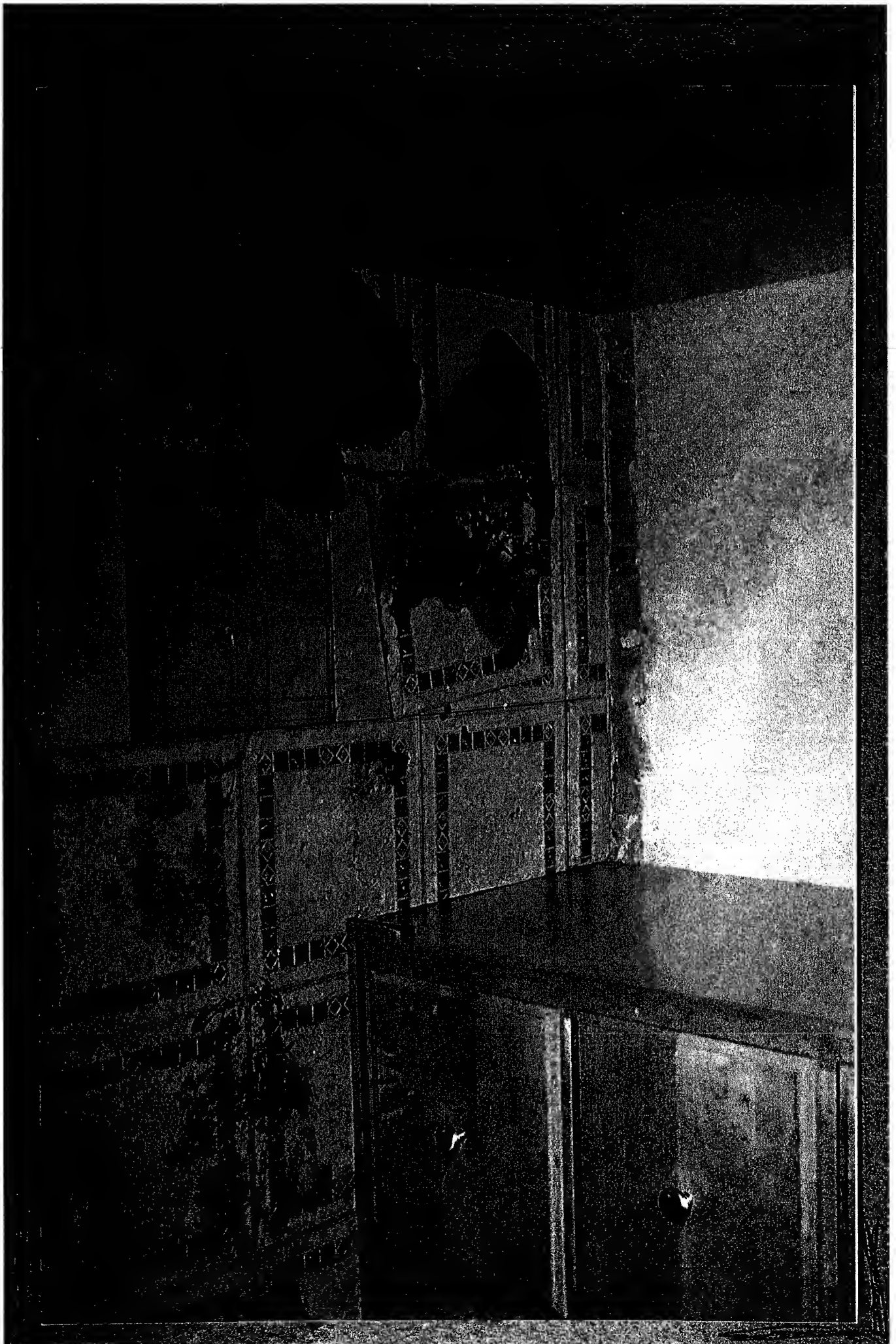
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(Signature)











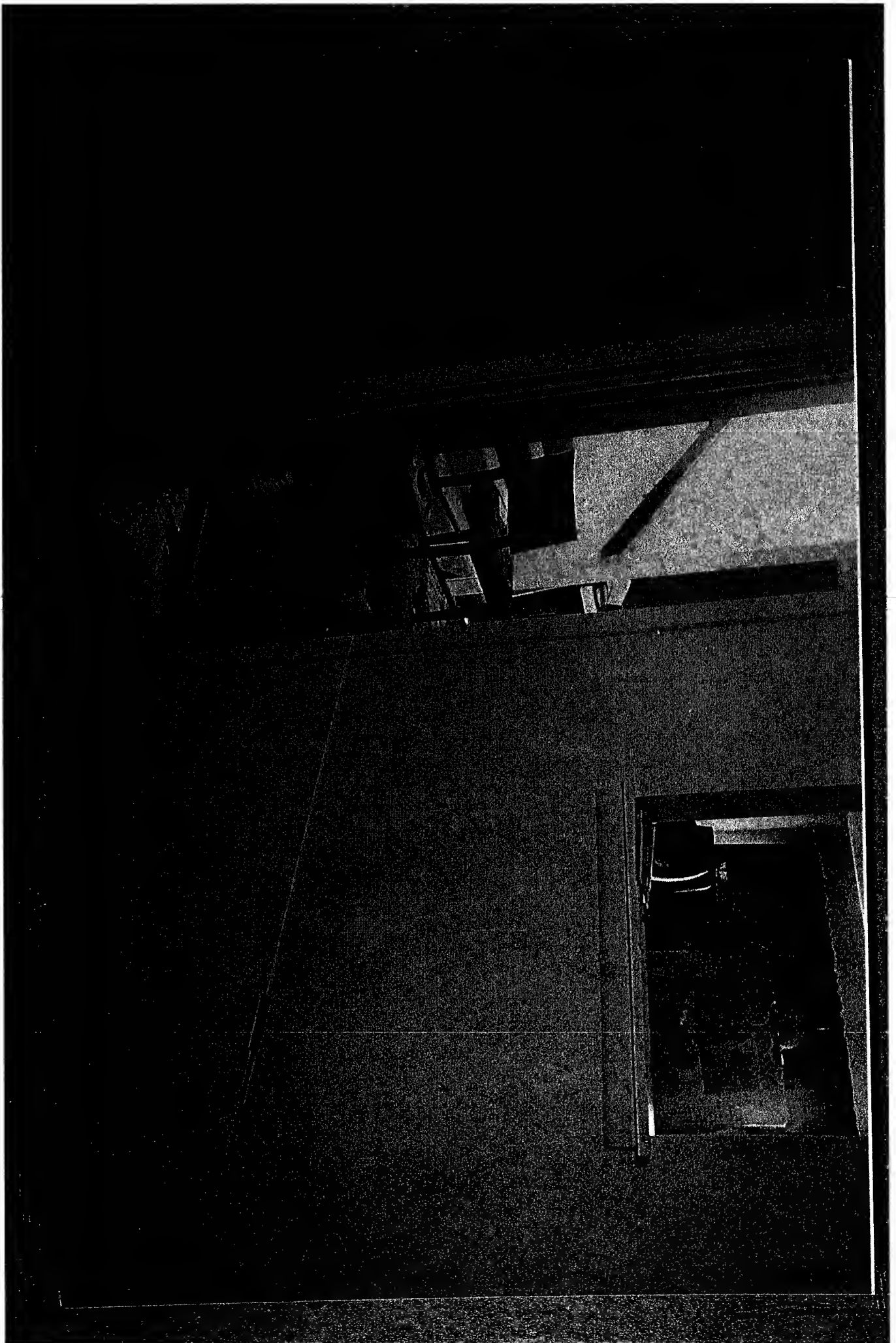
21st County Major Crime Task Force

10/04/07

SA [redacted] Decofield, IL

FOI 71 PHOTO 10

PHOTO 10



UNITED STATES DEPARTMENT OF JUSTICE

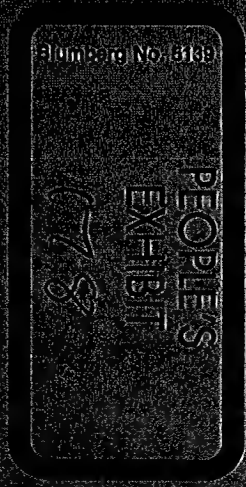
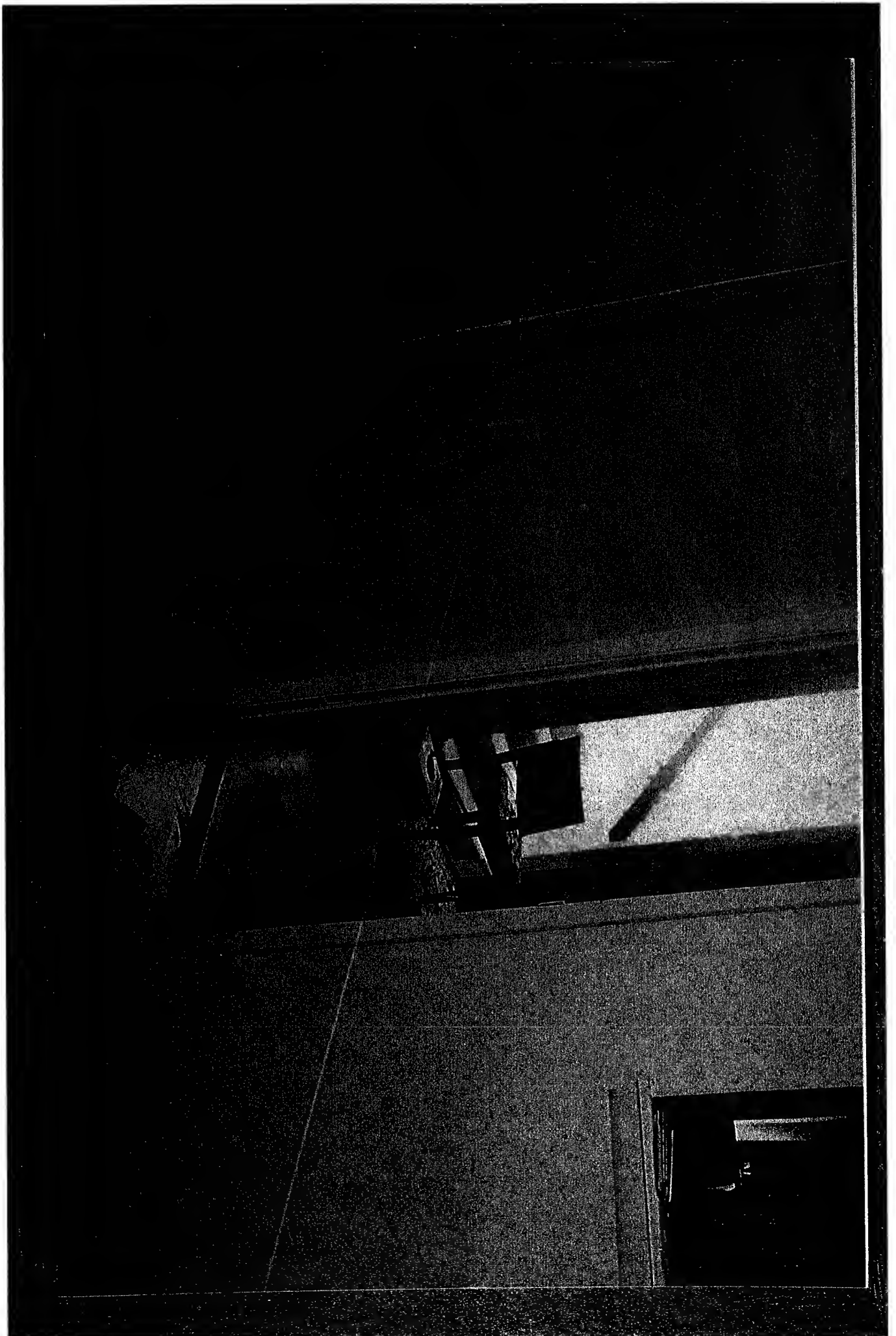
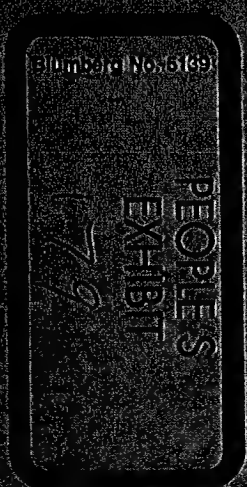


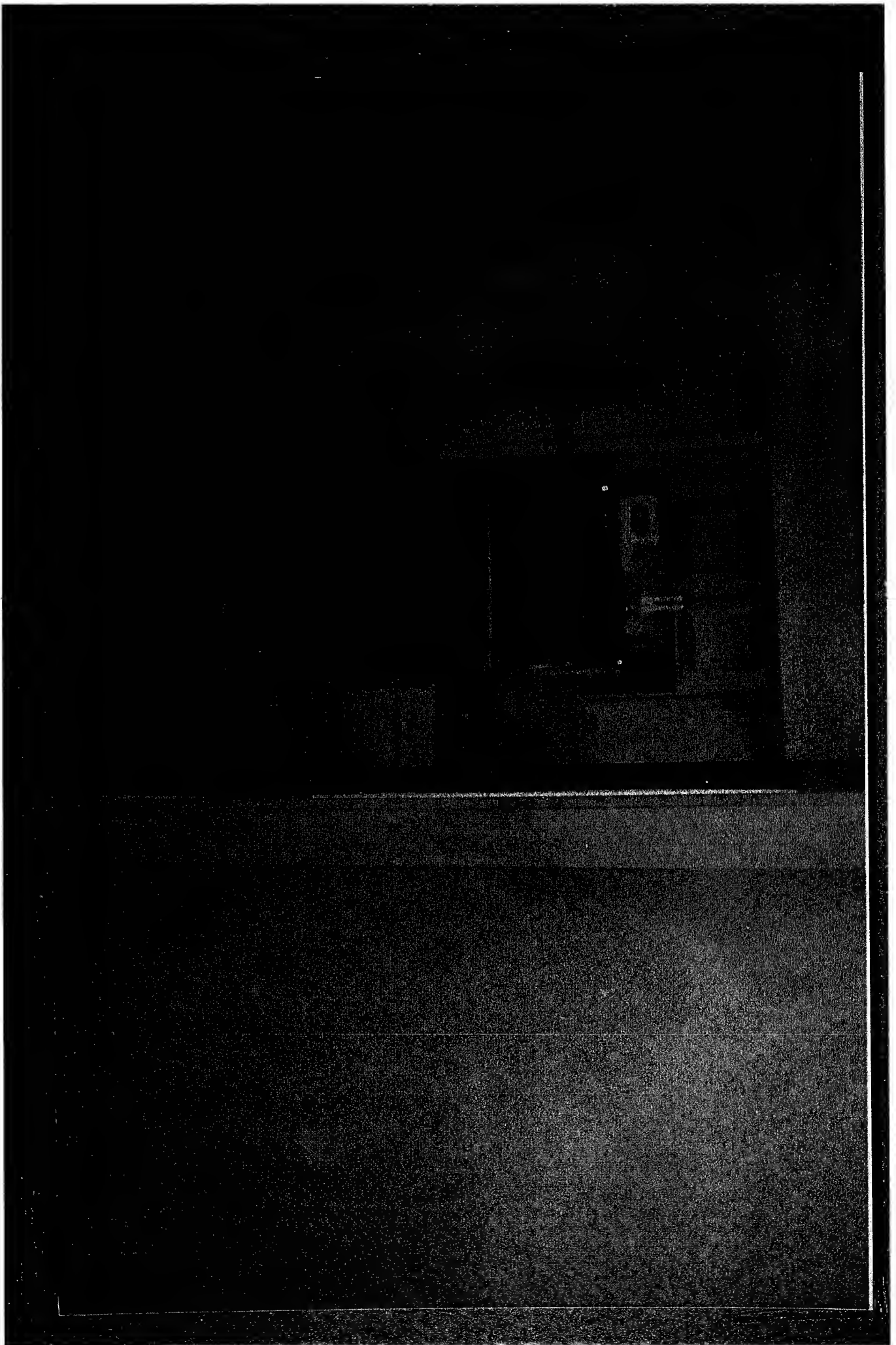
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PEOPLES TEMPLE - NEW YORK CONNECTION





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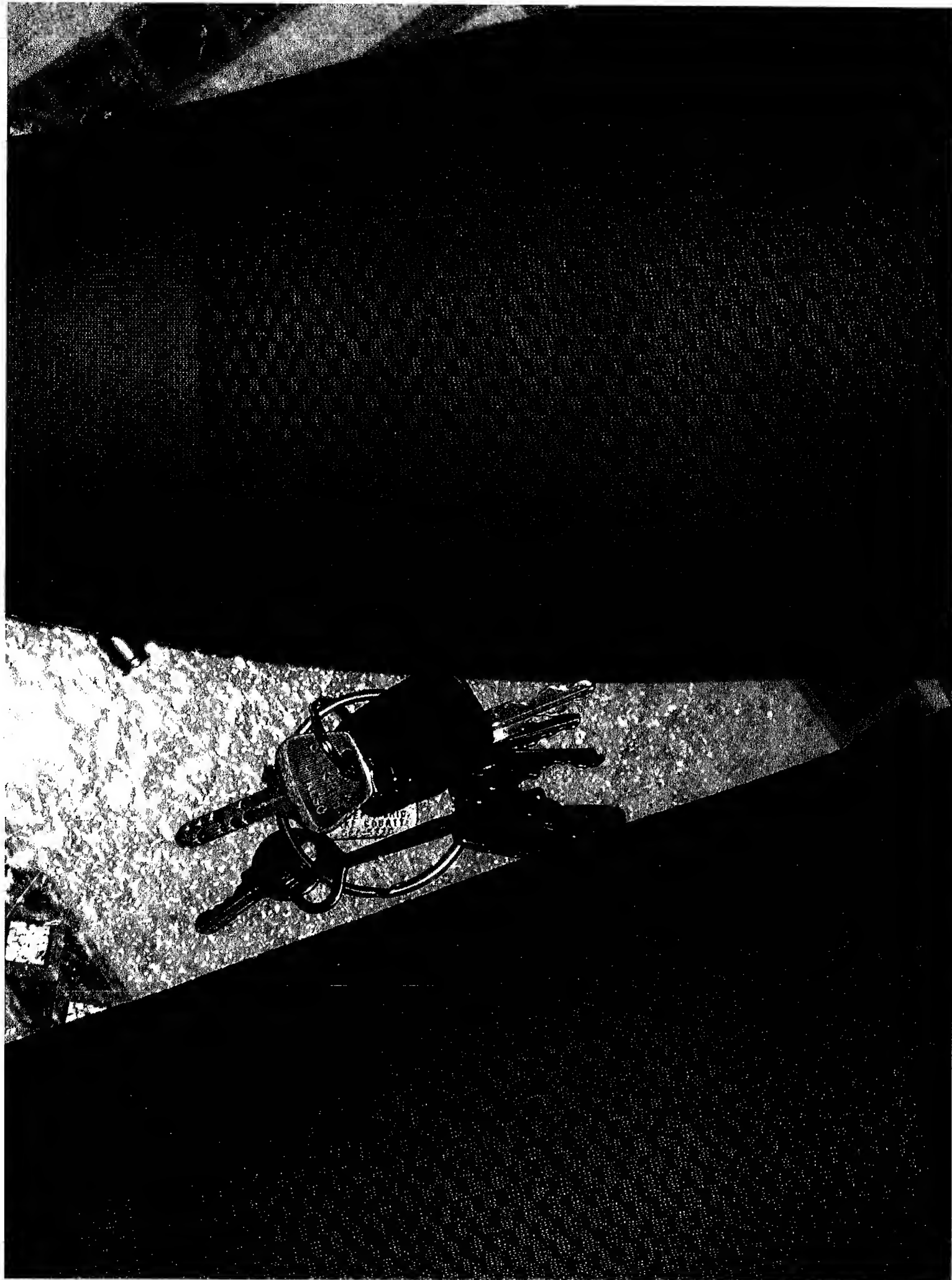




Blumberg No. 5714

DEFENDANT'S  
EXHIBIT

46



IN THE CIRCUIT COURT OF THE NINETEENTH JUDICIAL CIRCUIT  
LAKE COUNTY, ILLINOIS

PEOPLE OF THE STATE OF ILLINOIS, )  
 )  
 Plaintiff, )  
 )  
 v. ) No. 09 CF 926  
 )  
 MARNI YANG, )  
 )  
 Defendant, )

**AFFIDAVIT OF EMILY YANG**

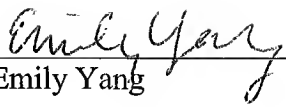
EMILY YANG, being first duly sworn, states under oath and subject to the penalty for perjury, as follows:

1. I am the daughter of Marni Yang.
2. In January 2009, I was sixteen years old.
3. I was interrogated by agents of the Lake County Major Crimes Task Force. This interrogation took place over a twelve hour period. I was not represented by counsel. Nor did I have a juvenile office present to protect my rights.
4. I told the police officers that I had no personal knowledge of the murder of Rhoni Reuter. Nor did I know anything about the circumstances of the crime.
5. They refused to believe me and continued to interrogate me for hours.
6. I told them that I knew Shaun Gayle was dating my mother and had some kind of business relationship with him.
7. I knew from the news media that Ms. Reuter was pregnant with Gayle's child.
8. Repeatedly, I asked permission to make a phone call to my mother. This was denied to me.



9. I felt under great pressure. Each time I told the truth—that I didn't have information, that my mother had nothing to do with this crime—the police officers yelled at me and told me I was lying. I was telling them the truth but they refused to accept it.
10. The police told me that they knew my parents were divorced. They asked me if I wanted to see my dad.
11. An officer told me that if I wanted to see my father, they could arrange it. But I had to give them a statement. I missed my dad. I was a child. I was scared.
12. The police had me write out a statement. I wrote many drafts of this. Each time the police officers tore up my statement and made me write over and over.
13. They told me what to say and how to say it.
14. These officers were aware that the statement they wrote for me was false. They kept changing my words over and over again until they were satisfied with the false statement they obtained.
15. My statement and testimony at trial were lies created by the state and used against my mother.
16. Before the trial, Assistant States Attorney Patricia Fix prepared me for testifying.
17. I told Ms. Fix that the written statement was false and the text of it was given to me by the police who interrogated me. I told Ms. Fix I did not want to lie under oath in court.
18. Ms. Fix angrily told me that if I didn't testify to the lies I had written for the police I would be in big trouble. Ms. Fix knew what was in my statement was a lie. She knew that I did not want to continue lying. She did not care about the truth. She coerced me to tell lies at trial.
19. I don't know who killed Rhoni Reuter.
20. I do know my mother had nothing to do with it.
21. I am telling the truth here, today.

22. Further Affiant sayeth not.

  
Emily Yang



Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

47



## Northeastern Illinois Regional Crime Laboratory

1000 Butterfield Road, Suite 1009, Vernon Hills, IL 60061

Phone: (847) 362-0676 Fax: (847) 362-0712

Board President  
William Gallagher

Executive Director  
Garth Glassburg



Sheriff Mark Curran  
Lake County Sheriff's Office  
25 S. Martin Luther King Ave.  
Waukegan, IL 60085

COPY

Subject: Homicide Investigation  
Agency Case #: 07-15329  
Case Officer: LCMCTF  
Submission Date: 10/10/2007, 11/08/2007

Laboratory Case #: 07-4728  
Laboratory Report #: 6  
Report Date: 12/12/2007

Case Names: Rhoni R Reuter  
Shaun L Gayle

The following evidence was submitted in a sealed condition:

**ITEM 36** Exhibit 01 the known fingerprints of:  
(RCO032) Louis Cacclatore

**ITEM 37** Exhibit 01 the known fingerprints of:  
(RCO043) Melvin E. Soltwisch

**ITEM 38** Exhibit 01 the known fingerprints of:  
(RCO044) Michael Scarry

**ITEM RFP** Exhibit 01 lifts of lab developed latents (see Report 5)  
**#25-L**  
(DT008)

**ITEM RFP** Exhibit 01 lift of lab developed latent (see Report 5)  
**#26-L**  
(DT009)

### RESULTS

The known impressions of the above listed individuals were compared with the retained latents with the following results:

INDIVIDUAL	FINGER	ITEM	LOCATION
Michael Scarry	Right Thumb	2501 L-2	doorknob from inside living room

Unidentified suitable latents remain. None of them are considered to be of sufficient quality for an AFIS search.

Some of the impressions are from the sides and tips of the fingers. If further comparisons are required for the above individuals, please submit known impressions of these areas.

Reviewer

Nancy N. Keel  
Forensic Scientist  
Nancy N. Keel, B.S.

006870



## **Shaun Gayle Timeline from 10/4/2007**

### **Frost report**

Alarm woke Shaun up at approx. 9:15 or 9:20 am

### **Filenko Report**

Woke up around 9:00 am

### **Frost report**

Left residence at approx. 9:45 am

### **Filenko report**

No mention of when he left residence

### **Frost report**

Arrived at Leroy's at approx. 10:15 am

### **Filenko report**

Arrived at Leroy's at approx. 10:30 am

### **Frost report**

No time for leaving Leroy's

### **Filenko report**

Left Leroy's around 11:00 am

**Frost report (sequence of phone calls on 10/4)**

Contacted barber

Received call from John Eskra (while in barber chair)

Contacted his residence to check his messages on his voice mail

Left barber shop

Received a call from Tom Thayer

Contacted his residence to check his messages on his voice mail

Received 2<sup>nd</sup> call from Tom Thayer but Shaun didn't answer

Called Tom Thayer back

Called Emery Moorehead

Contacted Deerfield Police Dept

**Filenko report (sequence of phone calls on 10/4)**

Contacted barber shop---arrived at approx. 10:30 am

Received call from John Eskew (while at barber shop)

Received a call from Tom Thayer

Shaun text-messaged Rhoni- no response

Left barber shop around 11:00 am- contacted Emery Moorehead

Contacted Deerfield Police

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 07-329	Reporting Date: 10-04-2007	Reporting Officer: Filenko <i>AD</i>	
Subject of Case: Homicide	Typed By: Filenko	Date: 10-5-07	Lead No. 15

On October 4, 2007 Detective Frost and I were assigned to interview the following:

Shaun L. Gayle  
M/B 03-08-62  
1530 N. Elk Grove Ave.  
Chicago, IL  
773-744-2300

Shaun had voluntarily come to the Deerfield Police Department after being told by friends that his girlfriend, Rhoni Reuter was the victim of a homicide.

Detective Frost and I secured our weapons prior to the interview.

Shaun was seated in a witness interview area of the Deerfield Police Department. Shaun was offered a beverage but declined the offer.

Shaun related that he had woken up around 9:00 AM and drove to a pre-scheduled appointment with a physical therapist in the Deerfield area. On the way to that appointment he decided to contact his barber to see the possibility of getting a hair cut. Shaun then drove to a barber shop in North Chicago. After arriving at approximately 10:30 AM Shaun received a cell call from an acquaintance from FOX News, John Eskew, telling him that news reports were saying that a shooting incident had occurred in Deerfield involving a girlfriend of Gayles. Shortly after that call Shaun received a call from another friend, Tom Thayer, advising him of the same information. Shaun related that he attempted to text message the victim with no success.

Shaun related he left the barber shop around 11:00 AM felt really nervous and contacted Emery Moorhead asking him for advice. Shaun related Moorhead instructed him to contact the Deerfield Police. Shaun did so and arranged to go to the Deerfield Police station.

Shaun related that the evening of October 3<sup>rd</sup> 2007 he had spent the evening at home. Shaun related that a business associated of his, Marni Yang, arrived between 7:00 & 7:30 PM to discuss a real-estate venture. Yang left around 9:30 PM at which point Shaun watched a baseball play off game recalling speaking to the victim at approximately 10:40 PM before going to sleep.

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# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 07-329	Reporting Date: 10-04-2007	Reporting Officer: Filenko	
Subject of Case: Homicide	Typed By: Filenko	Date: 10-5-07	Lead No. 15

Shaun related that he had known the victim for over 20 years after he had met her at charity basketball game. Shaun said that the victim was pregnant and due in December. Shaun related the victim was employed by a food service company located in Rosemont and had been at this company for about a year. Shaun said that he was certain the baby was his but had still planned on conducting a paternity test after the child was born. ~~Shaun related that he had last seen the victim Tuesday, October 2<sup>nd</sup> 2007.~~

Shaun said that the victim and he did not intend on marrying but he agreed to be involved in the baby's life. The victim had intended on moving from Deerfield to the city to be closer to Shaun after the birth of the baby.

Shaun related that he still maintained relationships with several women and that he was open about these relationships with the victim. Shaun related the names of two of the women he maintained a long term relationship with.

Dawn Okamoto  
Ginger Beam

Shaun related he did not know who would want to harm the victim but did relate that he had been the victim of a female stalker. Shaun said that a woman he had previously had a relationship <sup>with</sup> named Monika Kurowska had been suspected in several incidents involving malicious e-mails, telephone calls and property damage incidents. Shaun related he had an order of protection issued against Monika.

Shaun related that he owned ~~two weapons, an assault rifle and a 9mm semi-automatic.~~ Shaun said both weapons had not been fired in some time and were stored at his home in Chicago.

The interview was concluded, the investigation continues.

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# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

Case No. 2007-15329	Reporting Date: 10/04/2007	Reporting Officer: Investigator S. Frost #2125 <i>S MF</i>	
Subject of Case: Homicide Investigation	Typed By: Investigator S. Frost	Date: 10/15/07	Lead No. #15

The purpose of LEAD #15 was to interview Shaun L. Gayle, M/B, DOB: 03/08/1962, boyfriend of the victim. The interview was conducted at the Deerfield Police Department, 850 Waukegan Road, Deerfield, IL. Investigator G. Filenko and I, Investigator S. Frost met with Gayle inside a conference room located within the Criminal Investigations Division.

Gayle was advised that he was not under arrest and free to leave at anytime. Gayle observed that the room doors were not locked. I observed that Gayle appeared concerned about the situation, however his demeanor was composed. At approximately 1245 hours, Filenko briefed Gayle of the investigation and asked him to explain his whereabouts for the past 24 hours. I asked Gayle if he wanted any water to drink or needed to use the washroom before we began, but he declined. Gayle agreed to cooperate and informed Investigator Filenko his whereabouts and whom he had spoken with recently. **See Investigator Filenko's Supplemental Report.** We concluded the interview at 1350 hours and informed Gayle that we felt he needed a break since the situation was overwhelming. He said he understood and just wanted answers as to what had happen to his girlfriend, Rhoni Reuter. I told Gayle that we needed to meet with our command staff to ascertain if new information had surfaced. We departed the conference room leaving Gayle alone with the door open.

At approximately 1449 hours Investigator G. Filenko and I returned back to the conference room and met with Gayle, closing the doors for privacy. I handed Gayle a bottle of water that he placed to the side. I explained to Gayle that we appreciated his cooperation, however it was important that no detail was left out. I asked Gayle to provide a step-by-step detail of his activity for the past 24 hours to include everyone he had contacted on the telephone. Gayle agreed and provided me with the following:

Gayle said on 10/03/2007 at approximately 1700 hours he spoke to the victim via telephone. He learned from the victim that she had just left work and she was enroute to workout at her gym in Deerfield, Illinois. Gayle said the conversation was terminated at that point. Gayle believes somewhere between 2000 hours and 2045 hours, he received a voice mail message from the victim that indicated she was home at her residence. Gayle said he must have been on his cell phone at the time of the call. He said that the victim normally calls to tell him that she has arrived home safely. I learned from Gayle that the victim always works out after her job at U.S. Service Foods in Rosemont, however when she has to work at Macy's in Chicago she skips her workout.

Gayle said between <sup>6 pm</sup> 2100 hours and <sup>10 pm</sup> 2200 hours his realtor, Marni Yang, was at his residence to discuss a business deal involving property he had recently purchased. Gayle said once Yang departed, he smoked a cigar and watched the Cubs game. Gayle believes at approximately 2240 hours he briefly spoke with the victim via telephone. Gayle said the victim had left him a voice mail on his telephone earlier in the evening. Gayle said the victim had been sleeping and

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No. 2007-15329	Reporting Date: 10/04/2007	Reporting Officer: Investigator S. Frost #2125 <i>SMF</i>	
Subject of Case: Homicide Investigation	Typed By: Investigator S. Frost	Date: 10/15/07	Lead No. #15

she told him that she would talk to him in the morning. Gayle said he continued to watch the Cubs game and was unsure of what time he actually went to bed.

Gayle said on 10/04/2007 at approximately 0915 or 0920 hours his alarm woke him up. Gayle said he was unsure what time he had actually set his alarm for. Gayle related that he had an 1100 hours physical therapy appointment at Schultz Performance Center located in either Deerfield or Highland Park, Illinois. Gayle identified his therapist as Bob Schultz and said he was receiving therapy for a motorcycle accident he recently had in Grayslake, Illinois. Gayle departed his residence at approximately 0945 hours and once in his car contacted his barber to see if he could get in for a haircut (shave). Gayle said he called Leroy's in North Chicago from his cell phone and learned from the owner that he had an opening. Gayle said once he terminated that telephone call, he contacted his accountant and left a message.

Gayle explained that from his residence, he took North Ave. to I-94/I-90. From northbound I-94/I-90, he exited onto I-94 (Edens Expressway) and proceeded north. From I-94, Gayle said he exited at Marin Luther King Drive (Rt. 137) in North Chicago and drove to Leroy's. Gayle said he believes he arrived at Leroy's at approximately 1015 hours.

Gayle said while sitting in the barber chair getting his head shaved, he received a call on his cell phone from John Eskra. He identified Eskra as a producer at FOX Entertainment Group (Chicago Office) and his former boss. Gayle said Eskra informed him that the news was reporting a shooting in Deerfield, Illinois and a school in the area was on lockdown. Furthermore, Eskra told him that he was being named as a suspect. Gayle asked Eskra if he could look more into the situation and call him back. Gayle said he terminated the telephone call and told the barber to hurry up with his shave. Gayle said he became concerned and contacted his residence to check for any messages left on his voice mail. Gayle explained that his close friends usually leave messages at his house for serious things. Gayle said he discovered that no messages were left. Gayle said shortly thereafter, he departed Leroy's and received a call from Thomas Thayer on his cell phone as he was leaving.

Gayle said Thayer also told him about the shooting and that he was being named as a suspect. Thayer informed Gayle that all of the news crews at Halas Hall were packing up their equipment and enroute to find him for an interview. Gayle said he asked Thayer if he could find out more information and call him back. Gayle said he terminated the call and again called his residence to see if anyone had left him any messages on the situation. Gayle told us that he could not believe what was happening and at first did not know what to do. Gayle said while on the telephone, he received a second call from Thayer, but did not answer. Gayle said once he finished checking his messages, he contacted Thayer and learned that he had no new information. I asked Gayle where he was at this point of his travel and he told me that he was on the Edens Expressway (I-94) somewhere near Lake Forest.

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No. 2007-15329	Reporting Date: 10/04/2007	Reporting Officer: Investigator S. Frost #2125 <i>SMF</i>	
Subject of Case: Homicide Investigation	Typed By: Investigator S. Frost	Date: 10/15/07	Lead No. #15

Gayle said he was confused on what to do or where to go, he contacted his longtime friend, Emery Moorehead while exiting onto Deerfield Road from southbound I-94. Gayle said that Moorehead knew the victim and sold her the condo she currently owned in Deerfield. Gayle said knowing that Moorehead's business was in Deerfield, he asked him if he would go with him to the victim's residence to find out what was going on. Gayle said he learned from Moorehead that he was in Evanston, Illinois and unavailable to assist. Gayle said that Moorehead felt it was best he contact the police immediately versus driving to the victim's residence. Gayle said he agreed and terminated the call.

Gayle said he contacted the Deerfield Police Department and learned that the victim had been shot. Gayle said he "lost it" at that point and continued driving towards the victim's residence. Gayle said he changed directions shortly thereafter because the police officer he was speaking with told him to drive to the police department. Gayle said he complied and drove his vehicle to the library at the instructions of the officer. Gayle said that according to the officer, the press or media was waiting for his arrival outside the police department. Gayle said he remained inside the library until he was met by police officers from the Deerfield Police Department.

I   ed from Gayle that from the time he left his residence and arrived at the barbershop in North Chicago, he made no other stops. From the barbershop to the Deerfield Police Department, he made no stops as well. The interview was concluded at approximately 1515 hours. It was at that point we informed Gayle that we needed to speak with command to ascertain if new information had surfaced. He said he understood, but again was persistent with wanting to know what had happened to the victim.

After having already consulted with Task Force Command, I informed Gayle that the victim was in fact deceased and she had died due to a gunshot wound. I made it clear to Gayle that without family notification, I would not confirm beyond a reasonable doubt it was his girlfriend, Rhoni Reuter. However, based on the information I had I believed it was her. Gayle's reaction did not change at that point and he immediately wanted to know how she was found. I stressed to Gayle that I was not sure what he was looking for but I could not provide specifics. Gayle asked, "Was she found in a pool of blood? Did someone break into her apartment?" I stopped Gayle at that point and told him that I was sympathetic to his loss, however I didn't know how he would benefit to know that information. Gayle explained that no one was telling him anything and he just wanted to know. I told Gayle that if I knew and was able to tell him, I don't know if I would tell him any horrific details. He said he understood.

I asked Gayle at that point if he owned any firearms. He replied yes and told me that he owned an H&K 9mm handgun and an assault rifle. I learned from Gayle that he had purchased the weapons sometime around 1990 and they were currently at his residence. I asked Gayle if he had been to a firing range within the past few days, but he said no. I learned from Gayle that the last time he shot either weapon was when he originally purchased them in 1990. For





# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No. 2007-15329	Reporting Date: 10/04/2007	Reporting Officer: Investigator S. Frost #2125 <i>SMF</i>	
Subject of Case: Homicide Investigation	Typed By: Investigator S. Frost	Date: 10/15/07	Lead No. #15

elimination purposes, I asked Gayle if he would submit to a gunshot residue test. He agreed and submitted to the request. **See Evidence Technician Report.** For the purposes of the investigation, I asked Gayle if he would voluntarily allow officers from the Lake County Major Crime Task Force search his residence and vehicles. He said yes and signed the "Consent to Search" waiver. Gayle handed me his car keys and instructed me how to enter his gold 2007 Lexus. Furthermore, Gayle explained that I could find his house keys inside of his gold 2007 Lexus and what keys were needed to enter the gated area as well as his residence. **See Waiver.**

At Gayle's request, we provided him with a bathroom break and then had him take a seat inside of the conference room. I asked Gayle if he wanted something to eat, but he said no and told me he had an upset stomach. We departed the area and left the doors to the conference room open.

At approximately 1605 hours Investigator Filenko and I met with Gayle and asked him where the weapons would be located inside his residence. He told us that they were located inside the master bedroom closet. Gayle said inside the closet was a large black bag that had two separate compartments. Each compartment contained a firearm.

I changed the context of the interview and asked Gayle if he had any suspects in mind. He immediately told us about of a woman he dated by the name of Monika Kurowska. Gayle said a few years ago, he was organizing the Chicago Bears 20<sup>th</sup> Anniversary of Super Bowl XX and hired Kurowska to pass out t-shirts at an event in Rosemont, Illinois. Gayle said eventually dated Kurowska for approximately six months until he discovered that she had accessed his personal computer at his residence. Gayle said upon ending the relationship, Kurowska harassed him by telephone, mail and at his residence. Gayle said Kurowska at one point began sending letters to the victim and her family. Gayle said Kurowska even went to the extent of sending letters to all the women he either had seen or had been seeing advising them of each other. Gayle said the situation got so out of hand that he had to hire an attorney and obtain an order of protection.

Gayle said the last incident was in July 2007. He said he was a paid "Ambassador" to a celebrity charity motorcycle ride. Gayle said he has no proof but said that Kurowska somehow obtained the list of participants in the event and sent them emails advising them that the money he was raising was not for charity. Gayle said the email accused him of embezzlement. Gayle informed me that his attorney, Tracy Rizzo, would have all of the letters and emails if I needed them for the investigation. I thanked Gayle for his assistance and again asked him if he wanted anything to eat. He denied the request.

Prior to my departure, I asked Gayle when was the last time he left the country for his sports commentating job in London, England. He said he departed Chicago for London on or about September 6, 2007 and returned back on or



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No. 2007-15329	Reporting Date: 10/04/2007	Reporting Officer: Investigator S. Frost #2125 <i>SMF</i>
Subject of Case: Homicide Investigation	Typed By: Investigator S. Frost	Date: 10/15/07
		Lead No. #15

about September 13, 2007. I learned from Gayle that the television station he works for normally flies him on British Airways, however this last trip he traveled on Virgin Airlines. Gayle told me that his next scheduled trip to London is either October 20<sup>th</sup> or 21<sup>st</sup>, 2007. Our meeting was concluded at approximately 1642 hours. We advised Gayle that we needed to speak with command to determine if any other information was needed prior to his departure. Investigator Filenko and I departed the conference room and left the doors to the room open.

At approximately 1815 hours I returned back to the conference room and asked Gayle if he could think of any additional information that could assist with the investigation. He could not, but said he did not know what to do. Gayle added that he did not know what he was going to tell the victim's parents. I told him that I did not understand since the Lake County Coroner's Office was responsible for the death notification. He explained that he felt they were going to call him since they were concerned about her safety. I told Gayle that I was not sure what he was alluding to and he explained that he and the victim just had dinner with her parents a few weeks ago. Gayle said the victim's parents came to Chicago and stayed a few days. Gayle said that the victim's parents learned about Kurowska and her past harassment. I asked Gayle how the conversation came to the surface since the harassment seemed old and there was new harassment he could prove. Gayle explained that he never had an opportunity in person to apologize for the letters from Kurowska and felt it was a good time to do so. Gayle said what bothers him is upon issuing his apology, the parents asked him if their daughter was safe and he told them yes.

At approximately 1823 hours I terminated the interview because Gayle's attorneys, Tracy Rizzo (TX: 312-332-7788) and Donna Rutunno Chittaro (TX: 708-615-9400) had arrived at the police department to meet with Gayle. Access was immediately provided to both attorneys.

At approximately 1945 hours Gayle departed the police department with his attorneys and his vehicle.

I have nothing further to report.

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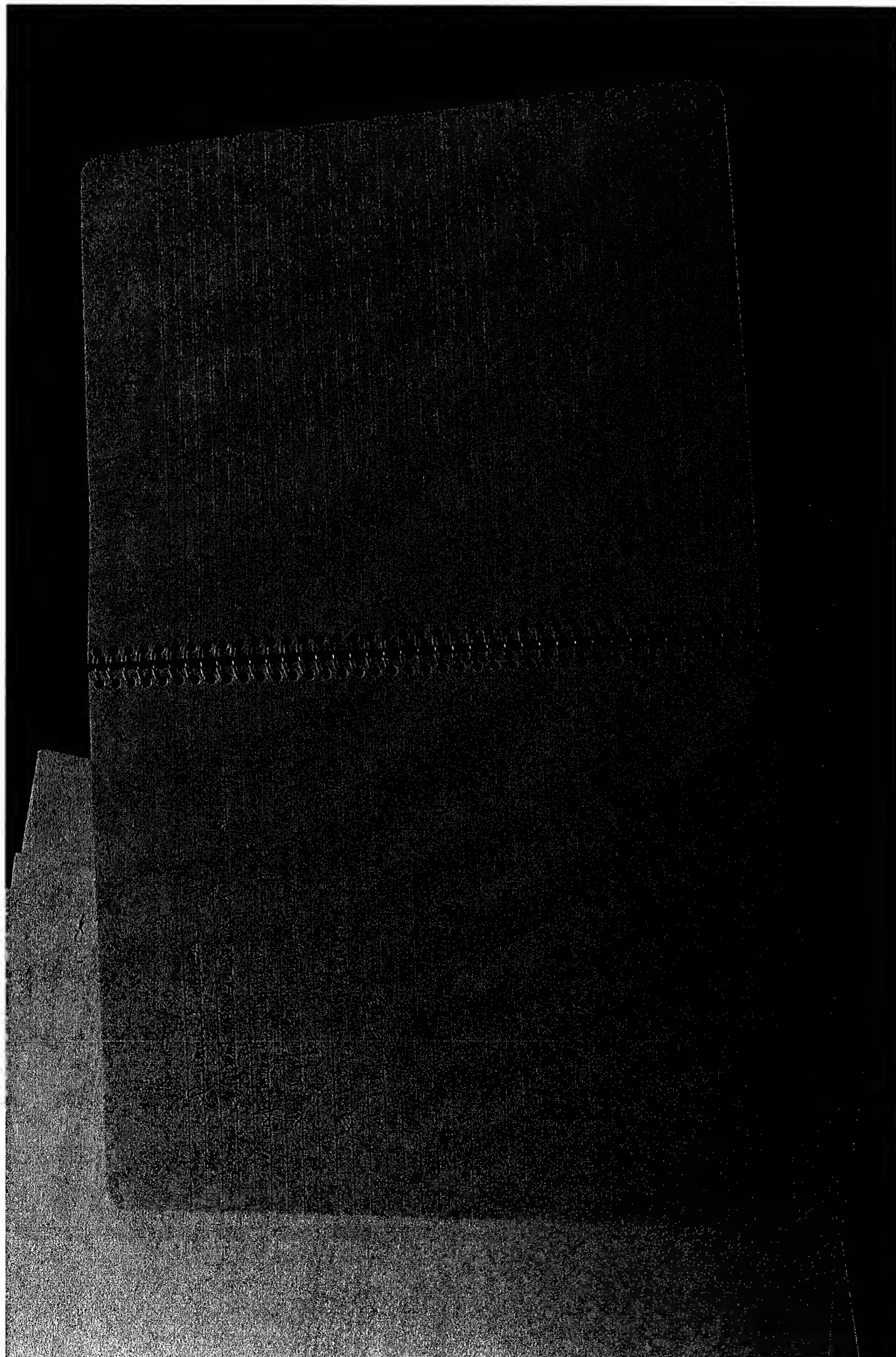
Page 5 of 5

Approved By: *[Signature]*

Blumberg No. 5114

DEFENDANT'S  
EXHIBIT

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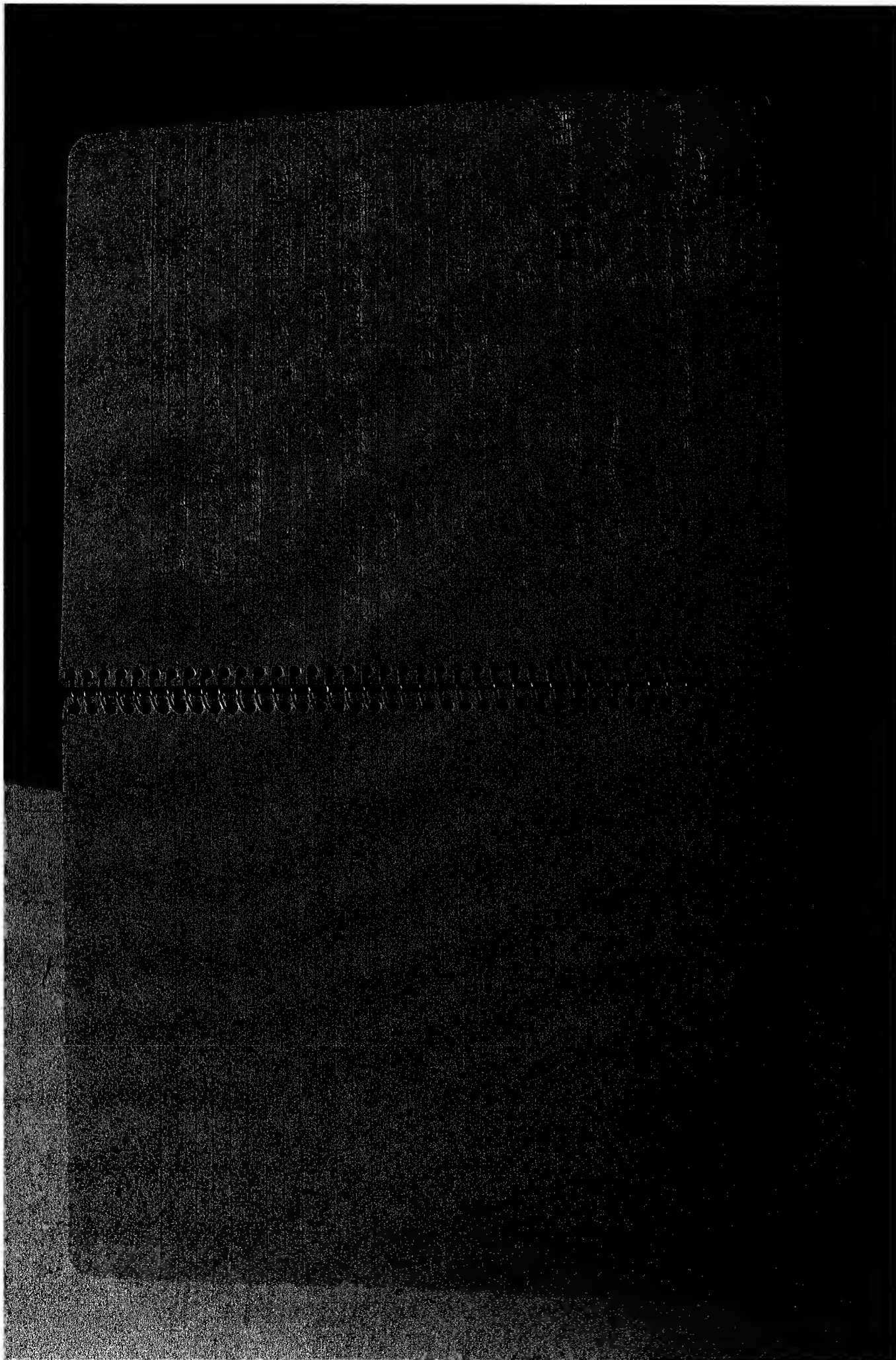
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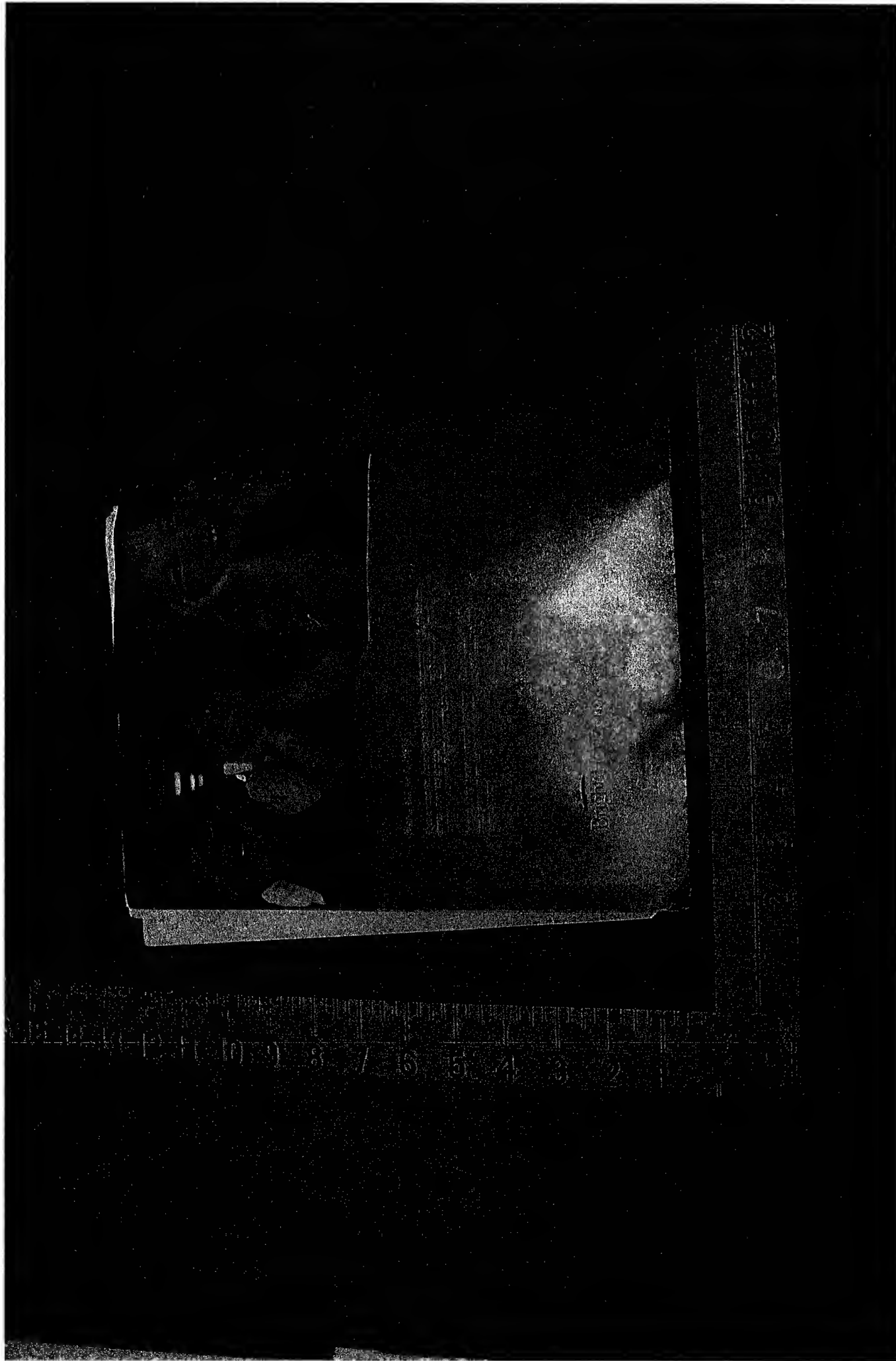


Blumberg No. 5714

DEFENDANT'S  
EXHIBIT

50







SUMMARY OF  
LICENSING  
STANDARDS  
FOR  
DAY CARE  
CENTERS

DIC 523

1. The purpose of this summary is to provide a concise statement of the minimum standards for the licensing of day care centers in the State of New York. These standards are based on the requirements of the Social Services Law and the Regulations of the Commissioner of Social Services.

2. The standards are intended to be used by the licensing agency in the evaluation of day care centers. They are not intended to be used by the public in the selection of a day care center for their child.

3. The standards are intended to be used by the licensing agency in the evaluation of day care centers. They are not intended to be used by the public in the selection of a day care center for their child.

4. The standards are intended to be used by the licensing agency in the evaluation of day care centers. They are not intended to be used by the public in the selection of a day care center for their child.

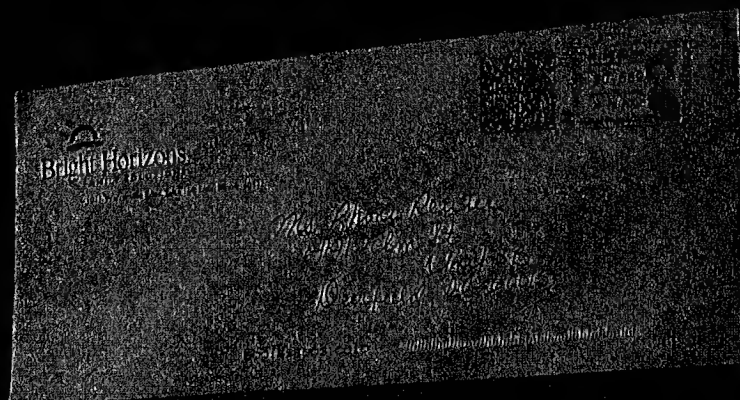
5. The standards are intended to be used by the licensing agency in the evaluation of day care centers. They are not intended to be used by the public in the selection of a day care center for their child.

The Insider's  
Guide to Quality  
Child Care

1. THE UNIVERSITY OF MICHIGAN

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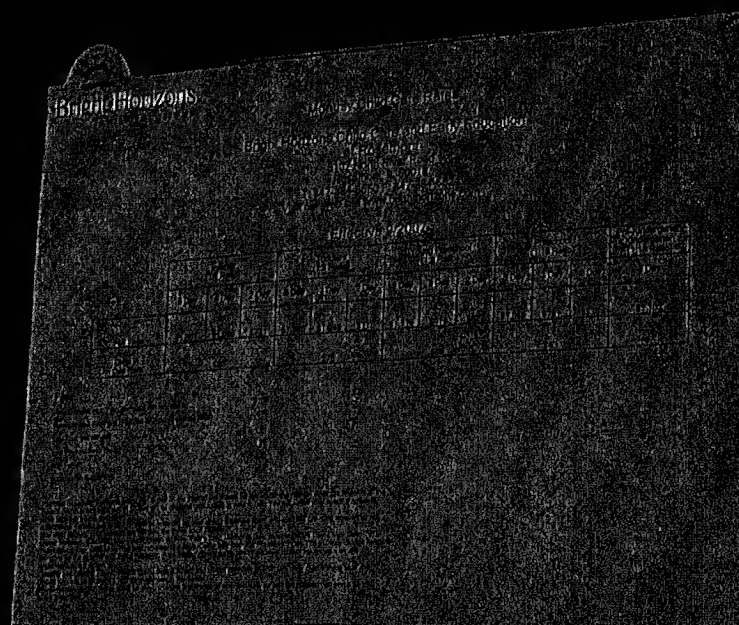


Bogert's

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

The Insider's  
Guide to Quality  
Child Care

Authors of the original edition  
Bogert's  
Bogert's  
Bogert's



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No. 07-15329	Reporting Date: 10/05/07	Reporting Officer: Detective Juan Mazariegos	
Subject of Case: Homicide Investigation	Typed By: Sherry Kirby	Date: 10/19/07	Lead No. 68

### LEAD # 68

The purpose of this report is to document the investigative activities of Detective MAZARIEGOS.

The following interview with witness Sonja MOULTON (F/W DOB: 07/08/70) TX 847-570-5921, and 847-293-5998 was conducted by Detective NICHOLS and Detective MAZARIEGOS on 10/05/07 at 5:30pm at the Deerfield Police Station. Reference is made to the Lake County Major Crimes Task Force, LEAD # 68, Case # 07-15329. This is a summary of our interview with Sonja and it is not verbatim.

Sonja informed us she met Rhoni REUTER through a mutual friend, TRACY, approximately five (5) years ago. Sonja would only see and speak with Rhoni at social gatherings. Sonja describes Rhoni as a private person whose world revolved around Shaun GAYLE.

When Sonja first met Rhoni, Rhoni told her she was dating Shaun, but she never mentioned it was Shaun Gayle, the ex-professional football player. Sonja met Shaun for the first time at Tracy's wedding in 2005. It was at the wedding where Sonja learned Shaun was an ex-football player for the Chicago Bears. Sonja told us Rhoni and Shaun have been together for eighteen (18) years. When Rhoni spoke with Sonja, Rhoni would mention how she wanted to be married to Shaun.

In previous conversations, Rhoni talked about her two (2) abortions and how the second abortion was the one she regretted. Rhoni said she had the second abortion because Shaun did not want the baby.

Rhoni did tell Sonja that Shaun was verbally abusive. Rhoni also mentioned an email she received in which she had learned Shaun was sleeping with other women. Rhoni, knowing Shaun was sleeping with other women, accepted it and continued her relationship with Shaun. Sonja said Rhoni traveled with Shaun but she would have to pay her own expenses. Sonja does not believe Shaun provided any type of financial support to Rhoni.

Sonja said she last saw Rhoni approximately seven (7) weeks ago at Evanston Hospital while visiting with Tracy. While speaking with Rhoni, Sonja saw how excited Rhoni was about having a baby. Rhoni spoke of having the baby and how happy she was about Shaun having recently told his mother about the baby. Rhoni did also mention she was registered at Babies R Us.



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

<input type="radio"/> Case No. 07-15329	Reporting Date: 12/03/07	Reporting Officer: Don Smith	
Subject of Case: Homicide Investigation	Typed By: Sherry Kirby	Date: 12/12/07	Lead No. 15

On November 30, 2007, I reviewed several investigative reports, including Investigator FALLON's report of his interview with Bobby HITZELBERGER, dated 10/12/07. Hitzelberger advises Investigator Fallon that Shawn GAYLE was exited about Rhoni's pregnancy and had gone to several of her pre-natal appointments. This information contradicts numerous reports from Rhoni's friends which indicate that Gayle was not impressed about becoming a father. Up until her death, Rhoni maintained Gayle had become receptive to the reality of having a child.

At approximately 4:00pm on 11/30/07, I called TX 847-537-5200, the Buffalo Grove offices of Dr. Marion JELCZ, Rhoni's OBGYN (located at 135 North Arlington Heights Road in Buffalo Grove).

On Monday, 12/03/07 at approximately 10:00am, Dr. Jelcz returned my phone call. I advised Dr. Jelcz that I was investigating Rhoni's death and was specifically curious to know if Rhoni had anybody with her at any of her pre-natal appointments. Dr. Jelcz advised he handled both Rhoni's 2005 and 2007 pregnancies in his Evanston office located at the COS Professional Building on Sheridan Road, across the street from Evanston Hospital. Dr. Jelcz saw Rhoni for all of her appointments, including the eight (8) appointments in 2007.

I asked Dr. Jelcz if perhaps Rhoni's "escort" might have remained in the lobby for any of Rhoni's appointments as Dr. Jelcz advised that Rhoni came to all of these appointments alone and had no one with her. Dr. Jelcz placed me on hold for a short time and returned, advising he had just checked with his receptionist who stated nobody had accompanied Rhoni to any of her appointments.

Dr. Jelcz added Rhoni had ultrasounds in July, 2007 and on 09/10/07, and they would have been performed in the Evanston Hospital and not in his presence.

Dr. Jelcz then reviewed his chart and noted that in 2005, he spoke with Rhoni about terminating her pregnancy because her significant other did not want to have children.

I asked Dr. Jelcz if there were any notes indicated in the chart for the 2007 pregnancy, to which he advised the chart indicated Rhoni was having no issues with her pregnancy and her partner was okay with this particular pregnancy. Dr. Jelcz then found a note in the file, indicating that Rhoni and her partner (described as an African-American male) both denied that they had any sickle cell issues in their family's health history. This notation was made on 05/24/07, and the inference is that Gayle was at that appointment.

End of report.

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Page 1 of 1

Approved By:                     

*[Signature]*



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No. 07-15329	Reporting Date: 10/18/07	Reporting Officer: Investigator Jeff Nilles, # 2152	
Subject of Case: Homicide	Typed By: Sherry Kirby	Date: 11/02/07	Lead No. 88

On Thursday, 10/18/07 at 3:30pm, Detective GIAMBERDUCA and I (Detective Jeff NILLES, # 2152) met with Christine TADISH (F/W DOB: 01/16/63). The following investigative report reflects in summary the conversation I had with Christine.

I asked Christine how she knew Rhoni REUTER. Christine advised me she met Rhoni about fourteen (14) years ago when they both worked at Alliance Foods. Christine stated she and Rhoni were close friends and they would speak to each other either in person or on the phone three or four times a week. Christine advised me that Rhoni was a very private person and she did not speak of Shaun too much. However, Christine did know a little about their relationship. I asked Christine to explain to me in as much detail as she could Rhoni and Shaun's relationship.

Christine stated she knew Rhoni and Shaun were dating a few years before Christine met Rhoni. Christine stated she knew Shaun to be very controlling in the relationship and he had told Rhoni on more than one occasion he could not trust her.

I asked Christine if she knew why Shaun did not trust Rhoni. Christine told me that Rhoni was very promiscuous as a young adult and had lied to Shaun a few times early in their relationship about how many sexual partners Rhoni had been with. Christine advised me she asked Rhoni why she lied to Shaun about this. Christine stated Rhoni told her she lied to Shaun because she did not think they were going to have a relationship and she did not feel it was any of Shaun's business early on in their relationship. Rhoni told Christine she only told Shaun the truth because Rhoni felt they were going to continue dating.

Christine advised me that Shaun would still bring this subject up in their relationship. Christine stated that Shaun would also become upset with Rhoni if she were to change plans without first telling Shaun what the plans were. Shaun would often call Rhoni a "liar."

I asked Christine if she ever knew of any physical abuse in the relationship. Christine advised me that Rhoni never said anything about physical abuse. Christine did advise me she knew of two (2) abortions Rhoni had as well as one (1) miscarriage. Christine stated all three pregnancies were Shaun's and Shaun made Rhoni get two (2) abortions.

I asked Christine if she knew when Rhoni's last abortion was. Christine advised me that Rhoni had an abortion approximately one (1) year ago, because Shaun continuously told Rhoni she was trying to trap him and he would not take care of the baby.

Christine told me after Rhoni had the abortion, she and Rhoni did not speak for approximately one (1) year because Christine very much disapproved of the abortion as well as Rhoni and Shaun's relationship. Christine advised me that in May, 2007, she called Rhoni and reconciled their relationship. Christine stated she stopped talking to Rhoni about Shaun after Rhoni told Christine that Shaun did not want his life discussed with anybody.

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C No. 07-15329	Reporting Date: 10/18/07	Reporting Officer: Investigator Jeff Nilles, # 2152	
Subject of Case: Homicide	Typed By: Sherry Kirby	Date: 11/02/07	Lead No. 88

Christine later found out about Rhoni's most recent pregnancy. Christine stated that Rhoni started to talk to Christine very often about her pregnancy. Christine stated Rhoni told her that Shaun was not excited about the baby and he had told Rhoni on several occasions that his life was not going to change with the birth of the baby.

I asked Christine if Rhoni ever said anything about Shaun's attitude towards the baby. Christine stated that Rhoni believed Shaun would change his mind once he saw the baby. Christine stated Rhoni told her about several fights Rhoni and Shaun had about the baby. I asked Christine to explain as best she could these arguments. Christine stated Rhoni wanted to move in with Shaun, however, Shaun continuously told Rhoni "No" he did not want to live with her. Rhoni told Shaun it would be cheaper for them to live together, otherwise they would have to buy two of everything for the baby. Christine told me that Rhoni told her that Shaun would tell Rhoni it was not going to cost him anything because the baby was not his problem.

Christine advised me in the middle of September, 2007, Christine's basement flooded and Rhoni advised Christine she could stay with her for a few weeks if she wanted to. Christine stated she stayed at Rhoni's residence from approximately 09/08/07 to 09/13/07.

Christine stated she learned that Shaun had planned to be out of the country when Rhoni would be delivering the baby. Christine also stated she did hear that Shaun had sent Rhoni an email with baby names and Rhoni believed Shaun may be coming around regarding the birth of the baby.

Christine advised me the last time she spoke with Rhoni was 10/03/07. Christine advised me that Rhoni did not appear to be upset and they had a casual conversation.

Christine advised me she heard about the incident on the news and immediately felt Shaun had something to do with the incident because of Shaun and Rhoni's past relationship.

I ended the interview with Christine at this time.

End of report

/smk

Copy # 1

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No. 2007-15329	Reporting Date: 10/4/07	Reporting Officer: Det. Lambie	
Subject of Case: Death Investigation	Typed By: Det. Lambie	Date: 10/8/07	Lead No: 71

The purpose of this lead is to interview the long time friend of victim. While I was at the victims parents home in Potosi Wisconsin I met and interviewed a close friend of the victim, Mrs. Michelle K. Lamp-Amentorp. (F/W DOB 1/2/66 of 2709 N.E. 163<sup>rd</sup> Street in Ridgefield Washington 98642).

Michelle told me that she met Rhoni (the victim in this case) while they were both attending the University Of Wisconsin at Platteville during the 1980's.

She said that Rhoni had met Shaun Gayle while he was there for summer practice with the Chicago Bears.

She further stated that Rhoni had wanted to leave her small town and hit the "Big City", and pursue a modeling and or acting career. By dating Shaun, somehow Rhoni thought this might be her way into that kind of life and away from the small farm town where she grew up.

She stated that she and Rhoni had always kept in contact with each other. She described their relationship as close as sisters. In fact Rhoni stood up in Michelle's wedding as her Maid of Honor.

I asked her to describe to me what she knew of the relationship between Shaun Gayle and Rhoni Reuter. She said that she knew that it was a very bad relationship for Rhoni to be in.

She told me about all of the girlfriends that Shaun had, and even how he had asked Rhoni to engage in a three way sexual encounter with him and another woman on several occasions. On at least one occasion Rhoni had complied with his request.

She further stated that Rhoni had told her about all the fighting she and Shaun did (all verbal that she knew about) and the controlling things that he did.

Michelle stated that it was alright for him to date all the women that he wanted but Rhoni could not even be in a room alone with another man, she could not have any male friends. She stated that he was very jealous.

Michelle stated that Rhoni had two abortions over the past ten years. One was almost ten years ago, and another about three years ago. In each case, Shaun had pressured Rhoni to have the abortion, even one time having his attorney contact her and state that she was trying to take money from Shaun by getting pregnant.

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No. 2007-15329	Reporting Date: 10/4/07	Reporting Officer: Det. Lambie
Subject of Case: Death Investigation	Typed By: Det. Lambie	Date: 10/8/07
		Lead No. 71

She stated that the first time Rhoni told her that she was pregnant she was very excited, and wanted to be a mother. Rhoni stated to her that now maybe Shaun would marry her. She later called and told her how Shaun had made her get an abortion. The next time was very similar to that one. Shaun was very upset each time by the pregnancies and the couple had many fights over the issue until Rhoni gave in and had the abortion.

Michelle stated that this was just a short version of the past eighteen years that Rhoni and Shaun had been together, and added that there were issues with a stalker girlfriend and other issues with his controlling behavior. This is why she pressed Rhoni to leave him, she never did.

I asked her what her first reaction was when she heard what had happened to Rhoni, she stated that she became ill, and thought, "He killed her, he is so self-centered that her pregnancy has messed up his little perfect world". I asked whom she referred by when she stated he killed her, she stated Shaun Gayle.

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# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

07-15329	Reporting Date: 10/04/07	Reporting Officer: Detective G. Giamberduca #2049	
Subject of Case: Death Investigation	Typed By: Sue Lesnak	Date: 10/09/07	Lead No. 17

On Thursday, 10/04/07, at approximately 1:00PM, I (Detective G. GIAMBERDUCA #2049), along with Detective NILLES and Detective BURKE of the Lake County Major Crime Task Force, conducted an interview at Leroy's Barber Shop, located at 2401 MLK, North Chicago, Illinois 60064.

Upon arrival at Leroy's Barber Shop, I met with Leroy ROGERS, DOB: 07/06/39, TX: 847/689-3045, who is the store owner. I advised Leroy that we were conducting a death investigation and asked him if we could speak with him. He agreed.

In summary and not verbatim, I asked Leroy if he cut Shaun GAYLE's hair today. Leroy stated he did and that Gayle arrived sometime around 8:30AM or 10:00AM this morning, but could not give me an exact time. I asked Leroy if Gayle came in with anyone. He stated Gayle came in alone. I asked Leroy to tell me what else had occurred while Gayle was getting his hair cut.

Leroy went on to say he has been cutting Gayle's hair for the past 17 years. He said normally Gayle comes in the afternoon, usually around 1:00PM, and calls an hour before coming to the shop to make sure they were not busy. Leroy said one day he received a phone call ten minutes prior to Gayle arriving and again Gayle arriving sometime between 8:30AM and 10:00AM. Leroy said when Gayle got there he did not seem to be acting unusual. Leroy said that Gayle, when he comes in, grabs a magazine to read while he gets his hair cut. However, this time he grabbed two (2) magazines and just held them in his hand and did not open them.

Leroy said that he began cutting Gayle's hair, at which time Gayle received a phone call from a guy named John (unknown last name). Gayle got up out of the barber chair to take the call. Leroy said that Gayle was on the phone for approximately five to six minutes, after which Gayle got off the phone and sat back into the barber chair. Gayle then told Leroy that he just received a phone call stating that a girl that he knew was shot and they (referring to law enforcement) think that he was responsible for it. Gayle said he needed to go and straighten things out, however he got back into the barber chair and continued to get his hair cut. Leroy said he did not seem too emotional about the news he received.

I asked Leroy how long after the phone call, the haircut took. Leroy stated it took an additional five to ten minutes, at which time Gayle left. I asked Leroy how Gayle paid for his haircut and Leroy said Gayle does not pay for his haircuts, but they barter for them. Leroy explained that in exchange for haircuts, he will get stuff like trips to Hawaii or tickets or the like. I asked Leroy what Gayle drove to the shop. He stated it was a newer gold Lexus.

I asked Leroy who else was at the barber shop when Gayle came in. He stated that only his other two (2) co-workers (Curry BALL and Omar LONG).

I asked Leroy if there was anything else he could think of that would assist us in our investigation. He stated there were surveillance tapes in the parking lot. Leroy also gave me the two (2) magazines that Gayle had picked up and held. The



# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

C 07-15329	Reporting Date: 10/04/07	Reporting Officer: Detective G. Giamberduca #2049	
Subject of Case: Death Investigation	Typed By: Sue Lesnak	Date: 10/09/07	Lead No. 17

magazines were collected by this investigator and turned over to Evidence Technician DERKEN.

I thanked Leroy for his time and concluded the interview.

End of Report.

/sml

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

<input type="text"/> No. 2007-15329	Reporting Date: 10-4-07	Reporting Officer: Det. Lambie		
Subject of Case: Death Investigation	Typed By: Det. Lambie	<table style="width: 100%;"> <tr> <td style="width: 50%;">Date: 10-4-07</td> <td style="width: 50%;">Lead No. 27</td> </tr> </table>	Date: 10-4-07	Lead No. 27
Date: 10-4-07	Lead No. 27			

At approximately 7:30PM on October 6<sup>th</sup> 2007 I met with and interviewed close friend of the victim, a Mrs. Traci Nugent, F/W DOB 12-21-71 of 2421 Luke Avenue Zion Illinois, 60099. TX (HM)847-246-4363 (cell) 312-927-5826.

I asked Traci what her first thoughts were when she heard the news about her friend being killed. She stated that "I knew it was him right away, I knew it was Shaun, who else would do this?"

I asked Traci to relate to me what she knew of the relationship between the victim Rhoni Reuter and her boyfriend of 18 years Mr. Shaun Gayle.

She stated that she knew the victim for approximately 11 years. She described her relationship with the victim as being very close like sisters.

She said that the victim and Mr. Gayle had met while she was attending college at the University of Wisconsin in Platteville, and Mr. Gayle was there for the Chicago Bears summer training camp. They first met approximately  years ago.

According to Traci, she and the victim spoke very regularly and went to church together often as well as other social gatherings. Throughout the time Traci knew Rhoni they spoke often about the relationship between Mr. Gayle and the victim.

Traci stated that over the course of the past eleven years that she knew the victim she learned about two abortions the victim had.

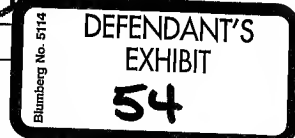
She related the events of the first aborted pregnancy. Traci stated that Rhoni told her that she had become pregnant, after telling this to Mr. Gayle he became very upset and left. Later that week, a person representing an attorney for Mr. Gayle contacted Rhoni and said, "I understand that you are trying to extort money from my client Mr. Shaun Gayle by becoming pregnant". The victim stated to Traci that she believed Shaun did not want the baby.

Then according to Traci, the victim spoke with Mr. Gayle several times and he kept asking, "Well, are you going to fix this problem?"

Traci then stated that the victim's next pregnancy was within the past three years. Rhoni told Traci that she had gone off the pill due to health reasons. She stated to Traci that she told her doctor and she told Shaun that she was off the "Pill".

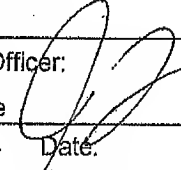
Traci stated that Rhoni became pregnant and was very scared to tell this to Shaun. Traci stated that the victim had gone

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# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

No. 2007-15329	Reporting Date: 10-4-07	Reporting Officer: Det. Lambie 	
Subject of Case: Death Investigation	Typed By: Det. Lambie	Date: 10-4-07	Lead No. 27

through so much fighting with him the time before she was scared of his reaction. When she did tell him, he stated to her according to Traci, "If you have this baby I will take it away from you and you will never see it" he would make sure of that.

The victim gave in and had the abortion. Since having the abortion the victim felt a deep guilt for having sinned, and started going to church more regularly.

On the third pregnancy Traci said Rhoni called her, she was very happy and excited. She stated that she was however very concerned to tell Shaun about this. Particularly since she had decided this time she was for sure going to keep the baby. Rhoni told Traci that she was 42 years old. This was never going to happen again, it was her last chance.

According to Traci, Rhoni did not want to go through all of the saga and drama with Shaun about having an abortion. She stated that she knew that he would be very upset because this would change his entire life, it would damage his reputation.

When Rhoni did tell Shaun he became very upset, and told Rhoni that this would negatively affect his career and his lifestyle.

Traci stated that about two weeks ago she spoke with Rhoni and asked how Shaun was in regards to the baby. Rhoni stated that he seemed to begin to accept the idea, but was not very excited. According to Traci, ~~Rhoni said that Shaun would not let her buy things for the baby, he said to Rhoni "We don't know if the baby will make it" "Let's not jinx things by buying things for the baby. Let's just wait and see what happens".~~

I asked Traci what she thought Shaun meant by not making it, she stated that he mean that the baby might not live to full term.

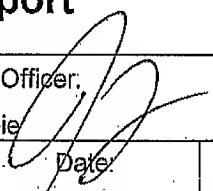
I asked Traci if she knew if Rhoni and Shaun ever had fights. She stated that they did all of the time, and mainly about getting married, having the baby, and her moving to Chicago to either live with him or to be closer to him and her new job. Shaun was very opposed to her living with him or near him.

I asked Traci why she thought he would not want Rhoni living with him now or after the baby was born.

Traci stated that Shaun had his life all set up; he has lots of girlfriends, and Rhoni as his regular girl. Traci said Shaun does not want any changes, and he likes things as they are.

# LAKE COUNTY MAJOR CRIME TASK FORCE

## Investigative Report

<input type="radio"/> No. 2007-15329	Reporting Date: 10-4-07	Reporting Officer: Det. Lambie 	
Subject of Case: Death Investigation	Typed By: Det. Lambie	Date: 10-4-07	Lead No. 27

I asked Traci if she knew if Rhoni went to social events with Shaun. She stated that she used to go much more often than she does now, and this was the basis of many arguments between Shaun and Rhoni. Also since becoming pregnant, then frequency of his visits became less and less.

Rhoni was very upset that Shaun was not visiting as much since her becoming pregnant.

~~Rhoni came up with the idea that Shaun stay at her place the night before he would get his haircut at Leroy's Barber shop in North Chicago so that she could see him more often. Traci thought that he had been doing this up until today.~~

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